DOCUMENT RESUME

ED 158 629 HE 010 189

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TITLE Survey of Programmes of Cooperation Established Between Canadian Universities and Foreign Institutions.
INSTITUTION Association of Universities and Colleges of Canada, Ottawa (Ontario).
PUB DATE Feb 77
NOTE 155p.
AVAILABLE FROM Publications Office, Association of Universities and Colleges of Canada, 151 Slater Street, Ottawa, Ontario K1P 5N1 ($3.00)

EDRS PRICE MF-$0.83 Plus Postage. HC Not Available from EDRS.
DESCRIPTORS *Cooperative Programs; Cultural Exchange; *Exchange Programs; Foreign Countries; Higher Education; *Interinstitutional Cooperation; *International Educational Exchange; Questionnaires; Surveys
IDENTIFIERS *Canada

ABSTRACT

This English-French report is the result of a questionnaire administered in 1976 by the Association of Universities and Colleges of Canada to obtain information on programs of cooperation between Canadian and foreign institutions. The programs are formal or informal arrangements between one or more Canadian universities, faculties, schools, departments institutes, research centers, or individuals with one or more foreign universities, educational institutions, or governmental agencies to exchange information, expertise, research workers, or students to collaborate in research, teaching, or other projects. Descriptions of programs and responsible officials are provided for Canadian institutions, and source of funds is indicated for some programs. A brief description of the cultural exchange agreements between Canada and other countries is appended, along with copies of the questionnaire. (SW)

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SURVEY OF PROGRAMMES OF COOPERATION ESTABLISHED BETWEEN CANADIAN UNIVERSITIES AND FOREIGN INSTITUTIONS

1976

ENQUETE SUR LES PROGRAMMES DE COOPERATION ETABLIS ENTRE LES UNIVERSITES CANADIENNES ET LES ETABLISSEMENTS ETRANGERS

Association of Universities and Colleges of Canada
Ottawa, February, 1977
Association des Universités et Collèges du Canada
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Copies may be obtained from the
Publications Office
Association of Universities
and Colleges of Canada
151 Slater Street
Ottawa Ontario K1P 5N1

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Bureau des publications
Association des Universités et
Collèges du Canada
151, rue Slater
Ottawa (Ontario) K1P 5N1

Price / Prix $3.00

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ISBN 0-88876-047-7

Deposited with the National Library

Dépôt légal - Bibliothèque nationale du Canada

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INTRODUCTION

This report is the result of a questionnaire administered in 1976 by the Association of Universities and Colleges of Canada (AUCC). In the Fall of 1974 the AUCC Committee of Presidents asked the Association's Secretariat to collect data on the activities of Canadian universities in the international sphere. For purposes of this survey, it was decided to concentrate on programmes of cooperation between a Canadian institution and a foreign partner.

"Programme of cooperation" is defined as 'an arrangement or agreement, whether formal or informal, between one or more Canadian universities, faculties, schools, departments, institutes, research centres or individuals with one or more foreign universities, educational institutions or governmental agencies to exchange information, expertise, staff, research workers or students, or to collaborate in research, teaching or other projects'. It was felt that there should be at least an implicit understanding that the programme would be continuing.

A questionnaire was designed by the AUCC Secretariat (see appendix "A") and circulated in March 1976, to the presidents of AUCC member institutions or to the liaison persons who had been designated by some universities to coordinate the institution's response. The contact persons were asked to circulate copies of the questionnaire to the academic staff and to return the completed copies to the AUCC.

Replies were received from fifty four of the sixty five institutions surveyed. Thirteen institutions (see appendix "B") reported either that they had not developed programmes of institutional cooperation or that such programmes would be listed in the entries of a parent institution. The report contains four hundred and thirty three entries.

It should be noted that the report does not include information for Campion College or St. Thomas University. These institutions were received as ordinary members of AUCC in November 1976, after the questionnaire had been administered and the data collated.

Information is published alphabetically by Canadian institution. The name and country of the foreign participating institution is listed and a brief description of the programme is provided. In some instances the source of funds in support of the project is indicated. The name of the person responsible for the programme is included at the end of each entry.

This report does not claim to be a comprehensive survey of the programmes of international cooperation of Canadian universities. However, it is the first attempt to document these activities on a Canada-wide basis and does provide a good indication of the range and scope of the international involvements of Canadian universities.

Other sources of information are Canadian International Links in the Social Sciences and Humanities prepared by the Social Science Research Council of Canada and A Survey of Academic Links published by the British Council.

In addition to the institutional entries, the report provides a brief description of the cultural exchange agreements that exist between Canada and other countries (see appendix "C").

It is hoped that a second edition of the Survey of programmes of cooperation established between Canadian universities and foreign institutions will be produced in 1978. The Association would be grateful if all AUCC member institutions would forward to the Secretariat details of cooperative programmes not covered in this report, of new programmes as they are developed, of the termination of programmes and any corrections or omissions which they feel to be important. Address all correspondence to Robert Patry, Information Officer, AUCC, 151 Slater Street, Ottawa K1P 5N1.

INTRODUCTION

Le présent rapport est le résultat d'une enquête menée par l'Association des universités et collèges du Canada (AUCC) en 1976 au moyen d'un questionnaire. A l'automne de l'année 1974, le Comité des recteurs de l'AUCC a demandé au Secrétariat de l'Association de réunir des données sur l'activité des universités canadiennes sur le plan international. On a convenu que l'étude se circonscrirait autour des programmes de coopération entre un établissement canadien et un établissement étranger.

Par "programme de coopération", on entend un arrangement ou accord, formel ou non, conclu entre un ou plusieurs départements, instituts, universités, facultés, écoles ou centres de recherche et un ou plusieurs établissements d'enseignement, universités ou services gouvernementaux étrangers, aux fins d'échange d'information, de connaissances spécialisées, de personnel, de chercheurs ou d'étudiants, ou dans le but de collaborer à des projets de recherche, d'enseignement, ou autre. On a exprimé l'avis qu'il devrait y avoir tout au moins une entente implicite comme quoi le programme serait de durée considérable.

Le Secrétariat de l'AUCC a formulé un questionnaire (voir l'annexe "A"), qu'il a fait parvenir en mars 1976, aux recteurs de ses établissements membres ou aux agents de liaison qu'ont désignés certaines universités pour coordonner la préparation des réponses de l'établissement. Les agents de liaison étaient chargés de remettre des copies du questionnaire aux professeurs et de retourner les questionnaires remplis à l'AUCC.

On a reçu des réponses de cinquante-quatre des soixante-cinq établissements approchés, dont treize (voir l'annexe "B") ont indiqué soit qu'ils n'avaient pas mis sur pied des programmes de coopération entre établissements, soit que les programmes en question seraient mentionnés par un autre établissement dont ils relèvent. Le rapport renferme 433 articles.

Il importe de noter que le rapport ne renferme aucune information sur Campion College ni sur St. Thomas University, qui n'ont été reçus membres ordinaires de l'AUCC qu'en novembre 1976, c'est-à-dire après la distribution du questionnaire et l'organisation des données.

L'information est dressée par ordre alphabétique des établissements canadiens. Y figurent le nom et le pays de l'établissement étranger participant, ainsi qu'une description sommaire du programme. Dans certains cas, la source de financement du projet est indiquée. Le nom du responsable du programme s'inscrit à la fin de chaque article.

Ce rapport n'a nullement la prétention d'être un relevé exhaustif des programmes de coopération internationale dans les universités canadiennes. Il représente, toutefois, le premier effort de documentation sur ce sujet à l'échelle nationale, et donne un bon aperçu de la diversité et de l'ampleur des activités des universités canadiennes sur le plan international. Outre les détails sur les établissements, le rapport fournit une brève description des ententes en matière d'échange culturel qui existent entre le Canada et d'autres pays (voir l'annexe "C").

On trouvera également des renseignements dans Les liens internationaux du Canada dans les domaines des sciences sociales et des humanités, publication établie par le Conseil canadien de recherche en sciences sociales, et dans A Survey of Academic Links, publication du British Council.

On espère publier en 1978 une seconde édition de l'"Enquête sur les programmes de coopération établis entre les universités canadiennes et les établissements étrangers". L'Association prie donc tous ses établissements membres de bien vouloir aviser le Secrétariat de programmes de coopération non mentionnés dans le rapport, de la mise sur pied de nouveaux programmes, de la cessation de programmes et de toute correction ou omission qu'ils jugent pertinente. Veuillez adresser toute correspondance à Robert Patry, Préposé à l'Information, AUCC, 151 rue Slater, Ottawa K1P 5N1.

Anthropology	ALGERIA Centre de Recherches Anthropologiques, Préhistoriques et Ethnographiques	The goal of this agreement, which was formally established in 1973, is to undertake a programme of prehistoric archaeological research concerned with the prehistoric cultural ecology of the Holocene in the Maghreb. Funded by the Canada Council. D. Lubell, assistant professor of anthropology.
Business Administration and Commerce	KENYA University of Nairobi	Formal agreement established in 1971 following a request by the Kenyan government to CIDA for assistance in the development of a Faculty of Commerce. Purpose of the program is to develop a Faculty of Commerce at the University of Nairobi; University of Alberta staff members are seconded to the University of Nairobi and graduate fellowships are awarded to Kenyans for study at Canadian and other universities. Funded by CIDA. E.J. Chambers, dean, Faculty of Business Administration and Commerce.
Classics	ITALY British School at Rome	A formal agreement which, for the past three years, has included the participation of McMaster University. The main objectives are to offer summer courses in Italy for undergraduate and graduate students and to provide a summer research base for Canadians. R.C. Smith, chairman, Department of Classics.
Education	THAILAND Thai Ministry of Education	Formal agreement whereby personnel from the University of Alberta travel to Thailand to explain to principals and assistant principals of secondary schools the comprehensive school system and to train them in the administration of these schools. Financed by the Government of Thailand. L.R. Gue, professor, Department of Educational Administration.

Graduate Studies	FEDERAL REPUBLIC OF GERMANY German Academic Exchange Service (DAAD) FRANCE Government of France	A formal agreement established following a formal request by the University of Alberta General Faculties Council in 1969, whereby 1 German and 3 French graduate students attend the University of Alberta for one year as visiting graduate students. Funded by the Killiam General Endowment (University Trust Funds). L. Henderson, administrator of Student Awards.
Pharmacy	BRITAIN Brighton Polytechnic	Established through mutual research interests. Project entitled "Alternating Current Polarography for the Analysis of the Tetracyclines"; it includes a fundamental study of the process at the dropping mercury electrode. L.G. Chatten, professor, Faculty of Pharmacy.
Soil Science	INDIA International Crops Research Institute for the Semi-Arid Tropics (ICRISAT)	Research project being conducted at the University of Saskatchewan relative to drouth tolerance in sorghum, one of five crops for which ICRISAT has responsibility. Funds for the Saskatchewan project are provided by IDRC. C.F. Bentley, professor, Department of Soil Science.

THE UNIVERSITY OF BRITISH COLUMBIA

Applied Science	CUBA University of Havana	Formal agreement established through the initiative of Cuba and CIDA with The University of British Columbia, the University of Toronto and the University of Waterloo. Objective is to graduate approximately three hundred Masters students from the University of

		Havana in three years for positions in industry and teaching. The three participating universities send professors for three week teaching periods or one week thesis supervisory visits. Cuban students do all or part of their research in Canada. Funded by CIDA through CUSO. Liam Finn, dean of Applied Science.
Asian Studies	JAPAN Tezukayama Grakwin University	Informal agreement established in 1970 to promote mutual understanding. Annual exchange of one undergraduate student from each institution. Funded by the two universities. Peter Harnetty, professor, Department of Asian Studies.
Asian Studies	U.S.A. Stanford University	The University of British Columbia is an institutional member of the Inter-University Center for Japanese Language Studies, which is administered by Stanford and whose main objective is to encourage the cooperation of the eleven member universities in promoting the intensive study of the Japanese Language by U.S. and Canadian students sent to Tokyo. John Howes, associate professor, Department of Asian Studies.
Commerce	IRAN Iranian Centre for Management Studies	A formal agreement established in 1975 to conduct joint research on government sponsored projects. Visits and attachment of Iranian staff to The University of British Columbia. Funded by the Department of Industry, Trade and Commerce. J.W. Tomlinson, chairman, Division of International Business Studies.
Commerce and Business Administration	MALAYSIA University of Malaya	Established in 1972 following a request for technical assistance by the University of Malaya. The purpose of this five year agreement is to help expand the course offerings in accounting at the University of Malaya. Each year three Canadian faculty members are seconded to Malaysia and ten Malaysian students do graduate work in Canada. Funded by CIDA. A. Beedle, professor, Faculty of Commerce.

Dentistry	BRITAIN 1. King's College 2. University of Newcastle-upon-Tyme U.S.A. M.D. Anderson Tumor Clinic	Initiated as a result of mutual interests, correspondance and personal contact. To conduct salivary gland tumor research and salivary gland physiology research. Occasional staff visits. T.J. Harrop, head, Department of Restorative Dentistry.
Education	BRITAIN Department of Education, Leicester	Established in 1971 following the return to the Faculty of Education of the principal organizer after he had visited and carried out educational work in about 12 foreign countries. To give qualifying teachers an educational experience in a setting different from their own. Student teachers observe and teach in a school in Leicester for four weeks and also participate in community educational programs. Each year, twenty-five third and fourth year education students have benefited from this opportunity. F.A. Cornall, associate professor, Faculty of Education.
Education	ECUADOR Catholic University	The main objective of this agreement is to promote an interchange of faculty members and students between The University of British Columbia and the Catholic University of Ecuador in the field of teacher training in elementary education. D. Milburn, head, Department of Social Studies, Faculty of Education.
Geophysics	JAPAN University of Tokyo	Established following a visit to The University of British Columbia in 1968 by professor T. Oguti of the University of Tokyo. Joint research program to observe aurora and natural Very Low Frequency (VLF) emissions

		at a few stations in Manitoba and to carry out co-ordinated observation of magnetic pulsations at up to ten stations. Two observers from the University of Tokyo will come to Canada each summer and one University of British Columbia faculty member plans to visit the University of Tokyo for a month every year. Funded by NRC, The University of British Columbia Arctic and Alpine Research Committee and the Japan Ministry of Education. T. Watanabe, professor, Department of Geophysics.
Interdisciplinary	INDONESIA Department of Public Works and Water	Established at CIDA's request, the agreement commenced on January 1, 1976 and is scheduled for a two-year period. The objective is to gather data and formulate a plan for the regional development of the Island of Sulawesi in Indonesia. The University of British Columbia provides approximately ten experts in regional planning, sociology/anthropology, economics, agriculture, fisheries, forestry and similar resource related fields to work for up to two years in Sulawesi and to train their Indonesian counterparts in their respective fields. Funded by CIDA. George Winter, chairman, Department of Agricultural Economics.
Pharmacology	BRITAIN Chelsea College of Science and Technology.	A formal agreement whereby an undergraduate student from the Chelsea College spends a year at The University of British Columbia in a research laboratory. Funded by the Canadian Heart Foundation and the Faculty of Pharmaceutical Sciences at The University of British Columbia. J.H. McNeill, chairman of the Division of Pharmacology.

Pharmacy	ETHIOPIA Ministry of Health	An informal agreement initiated in 1975 to assist in the development of satisfactory government controls on drugs and drug quality. M. Pernarowski, professor, Faculty of Pharmaceutical Sciences.
Pharmacy	KENYA University of Nairobi	Initiated through a Conference of Presidents of African University held in Ottawa by AUCC several years ago. An informal agreement to assist the University of Nairobi in developping the curriculum of an undergraduate programme in pharmacy, in setting and maintaining standards equivalent to that of other countries and in training the required teaching staff. The faculty at The University of British Columbia acts as an external examiner and there is a continued exchange of correspondence. M. Pernarowski, professor, Faculty of Pharmaceutical Sciences.

THE UNIVERSITY OF CALGARY

Computer Services	U.S.A. Northwestern University	A formal agreement established in 1968 to aid both research and instructional problem solving relating to statistical procedures and methods. C.B. Marx, director, Computer Services.
Engineering	BRITAIN 1. King's College 2. Cement and Concrete Association	An informal agreement to carry out co-operative and compatible programs of experimental and theoretical research on the behavior of hardened cement paste and concrete subject to environmental influences (stress, temperature, moisture change). Funded by NRC Canada, the Science Research Council in the U.K., NATO and the Cement and Concrete Association. B.R. Gamble, associate professor

		of civil engineering.
Graduate Studies	YUGOSLAVIA Inter-University Centre of post-secondary studies	The University of Calgary is an institutional member of the Centre which organizes courses for graduates from a number of countries, as well as colloquia and conferences. One of the main purposes of the Centre is to bring together various nationalities, disciplines and ideologies. Approximately three faculty members per year participate as lecturers and resource persons and one student attends the program in Dubrovnik each year. J.B. Hyne, dean of Graduate Studies.
Physics	U.S.A. University of Washington	Initiated in 1973-74 at the request of the gas processing industry. Joint research to quantify the impact of sour gas emissions on vegetation. Dr. James Mayo of the University of Alberta also participates in this project. Funds are provided by the Whitecourt Environmental Study Group, the Oil Sands Environmental Research Program and the Oil Sands Environmental Study Group. Allan H. Legge, professional associate, Environmental Sciences Centre.

COLLEGE OF CAPE BRETON

Mechanical Technology	COLOMBIA Government of Colombia	Under CIDA sponsorship, a team of Canadian engineers is assisting the Government of Colombia in planning and establishing a school for training personnel in the mining industry. The three year assignment will end in August, 1977. Funded by CIDA. W. Reid, Mechanical Technology.

Technology and Trades	INDONESIA Government of Indonesia	A formal agreement established in 1975 whereby the College of Cape Breton trains a number of Indonesian personnel in various functions of coal mining operations. This training is given in cooperation with DEVCO of Sydney, Nova Scotia. Funded by CIDA. J.E. Terry, Technology and Trades.

CARLETON UNIVERSITY

Italian	ITALY University of Padova	An informal agreement reached with the University of Padova to allow the Department of Italian to conduct summer courses using the facilities of the Institute of Literature at the University of Padova. This agreement may lead to a student exchange program. M. Ciavolella, associate professor, Department of Italian.
The Paterson Centre	HUNGARY Institute for Cultural Relations	A formal program of academic exchange and cooperation at the institutional level established in 1974. Program consists of an annual exchange of two professors or research specialists for a period of 1 to 3 months and an annual exchange of two graduate students or postdoctoral scholars for up to ten months. Funded by the participating institutions. Philip E. Uren, director of The Paterson Centre.
The Paterson Centre	U.S.S.R. Leningrad State University	A formal agreement established at the institutional level providing for the annual exchange of scholars and scientists (2 from each university) for a period of up to 4 months and for the annual exchange of 2-3

		postgraduate students from each institution for a period of up to twenty months. Funded by the participating institutions. Philip E. Uren, director of The Paterson Centre.

CONCORDIA UNIVERSITY

Continuing Education	VENEZUELA Government of Venezuela	A formal agreement, established with the AUCC to teach English to Venezuelan students. Funded by the Government of Venezuela. J.R. McBride, Associate Vice-Rector (Academic).
Physical Education	BELGIUM 1. Université Libre de Bruxelles 2. Université Catholique de Louvain FEDERAL REPUBLIC OF GERMANY Technical University of Munich SWEDEN Riksidrotts-forbundets Idrottsinstitut	Established in 1973 following visits by Dr. Enos to the three participating countries. To enable 90 Canadian post-baccalaureate students, teachers and professors to spend one week in each of the three participating countries to examine current practices in physical education. These visits occur annually. E. Enos, director, Institute of Comparative Physical Education.
Physical Education	DENMARK 1. Danish Physical Education Teachers' College 2. Danish Sports Federation SWITZERLAND Federal School of Physical Education	Established in 1973 following visits by Dr. Enos to Denmark and Switzerland. To enable 45 Canadian post-baccalaureate students, teachers and professors to spend ten days in Switzerland and ten days in Denmark to compare systems of physical education in the different geographic regions and cultural settings involved. These visits occur annually. E. Enos, director, Institute of Comparative Physical Education of the Department of Bio-Physical Education.

Physical Education	SWEDEN Riksidrotts-forbundets Idrottsinstitut	Program was developped in 1973 following Dr. Enos' visit to Sweden. To allow 90 Canadian post-baccalaureate students, teachers and professors to spend three weeks in Stockholm to follow a course which involves an analysis of the advanced system of physical fitness and health care in Sweden. These visits occur annually. E. Enos, director, Institute of Comparative Physical Education.
Physical Education	U.S.S.R. The Central Institute of Physical Education of The Order of Lenin	In 1972, Dr. Enos travelled to the U.S.S.R., made contacts and established the program. To enable 100 Canadian post-baccalaureate students, teachers and professors to spend three weeks in Moscow to obtain a comprehensive overview of the system of physical education in the Soviet Union and the role of sports in a socialistic society. These visits occur annually. E. Enos, director, Institute of Comparative Physical Education.

DALHOUSIE UNIVERSITY

African Studies	BOTSWANA University of Botswana and Swaziland LESOTHO National University of Lesotho MALAWI University of Malawi NIGERIA University of Ibadan BRITAIN 1. University of London	A formal agreement with the University of Malawi whereby Dr. Webster will head the department of history at that institution for two years and thus act as the link between the two institutions. A formal agreement with Nigeria which will enable Dr. Webster to lead a team of three Canadian, one American and four African historians to collect the pre-colonial history of the Benue Valley of Nigeria. This four year project is funded by the Canada Council.

	2. University of York	An informal agreement with the other institutions mentioned providing for the exchange of seminar and conference papers and research materials. In addition to the Canada Council, funds are provided by Dalhousie University, the Secretary of State and the Department of External Affairs. P.D. Pillay, director, Centre for African Studies.
Arts and Science	BRITAIN University of Lancaster	Arrangements were made in 1973 to enable up to eight undergraduate students from the Faculty of Arts and Science to study for one year at the University of Lancaster. The courses taken are credited towards a Dalhousie degree.
Biology	FEDERAL REPUBLIC OF GERMANY Marine Biology Laboratory	Through personal contact and correspondence since 1973. To further the understanding of the dominant seaweeds (kelps) in the North Atlantic. Visits are planned to coincide with other activities. Supported by NATO. A.R.O. Chapman, associate professor, Department of Biology.
Biology	SOUTH AFRICA University of Cape Town	Initiated as a result of the 1971 visit by Dr. John Field of University of Cape Town to Dalhousie University. To exchange information and experience in marine ecology research and teaching. Funds are provided by the University of Cape Town and the Sea Fisheries Branch of the South African Government. K.H. Mann, professor, Department of Biology.

Biology	U.S.A. Michigan State University	A formal agreement established in 1973 to develop a better understanding of the ecology of a eutrophicated lake by application of the latest ideas in community dynamics to the plankton of a well documented lake in Michigan. Graduate and undergraduate students have been exchanged while serving as assistants in collaborative research. Funded by the National Science Foundation (U.S.A.). P.A. Lane, assistant professor, Department of Biology.
Chemistry	BRITAIN Queen Mary College	Began in 1974 as a result of personal contact. To pool each Chemistry laboratory's complementary resources into research projects of common interest, in the fields of fast gas-phase reaction kinetics and spectroscopy of small molecules. Short visits are exchanged yearly. J.A. Coxon, Killam Research Professor, Department of Chemistry.
Chemistry	U.S.A. Kansas State University	Initiated in 1966 following an exchange of visits. To pool each Chemistry laboratory's complementary resources into research projects of common interest in studies of energy exchange between electronically-excited metastable rare gas atoms and substrate molecules. Occasional visits to each other's laboratory. J.A. Coxon, Killam Research Professor, Department of Chemistry.
Economics	GHANA Ghana Institute of Management and Public Administration	Began in January 1976. A formal agreement to improve the planning capability in the Ghana Ministry of Economics Planning and related ministries through series of courses training programmes for planners. The University of Dalhousie arranges for instructors from outside Ghana

		and ten to twelve Canadians will participate in teaching in Ghana in each year of this five year project. In addition, two or three instructors from Ghana will study abroad every year. Funded by CIDA. A.N. Sinclair, project co-ordinator, Department of Economics.
Health Sciences Library	BERMUDA Edward VII Hospital	An informal agreement to lend library materials and provide reference service to the Edward VII Hospital, which is treated as if it were in the Maritime provinces. A.H. MacDonald, Health Sciences Librarian.
Institutional	YUGOSLAVIA University of Zagreb	Program was initiated by the Government of Nova Scotia and confirmed during the visit of Premier Regan to Yugoslavia in the fall of 1975. Yearly scholarship for a student from the University of Zagreb to study at Dalhousie University was established by the Government of Nova Scotia in memory of Major W.E. Jones. The possibility of an exchange is being considered. Funded by the Government of Nova Scotia. G.R. MacLean, vice-president (academic and research).
Medicine	BRITAIN 1. University of London 2. John Innes Research Institute	Joint research on the structure of bacterial spimae. K.B. Easterbrook, professor of microbiology.
Medicine	JAMAICA University of the West Indies	An informal agreement to expose four final year medical students to the practice of medicine in a developing country. R. Manvel, associate professor of preventative medicine.

Medicine	U.S.A. Stanfort Research Institute	Set up in 1975, through an exchange of visits by project leaders working in the same field of interest. A formal agreement to develop and demonstrate new cardiovascular disease (CVD) risk assessment methods. The initial objective is to build a large-scale epidemiological data bank and a resource for continuing research on low-cost, non-evasive CVD epidemiological methodology. P.M. Rautaharju, professor of physiology and biophysics.
Medicine	U.S.A. University of Minnesota	A formal agreement established in 1973 to provide a scientific/technological resource for a large scale clinical preventative trial. Funded by the National Heart and Lung Institute (U.S.A.). P.M. Rautaharju, professor of physiology and biophysics.
Oceanography	ITALY Food and Agriculture Organization U.S.A. U.S. Fish and Wildlife Service	A formal agreement whereby Dr. L.M. Dickie acts in an advisory capacity on the direction of intergovernmental resource research programs. Expenses are borne by FAO. L.M. Dickie, chairman, Department of Oceanography.
Russian	U.S.S.R. Pushkin Institute	Established during the 1975-76 academic year at the initiative of Dalhousie University through the Department of External Affairs. A formal agreement to enable Canadian students to undergo intensive Russian language training at the Pushkin Institute. Funds provided by Dalhousie University. N. Pereira, assistant professor of history.

Animal and Poultry Science	JAMAICA Government of Jamaica	A formal agreement established following a visit to Jamaica by Dr. Bowman in 1974 to develop and add strength to the Jamaican Pig Industry. Periodical visits of Guelph faculty members to Jamaica. Funded by CIDA. G.H. Bowman, professor, Department of Animal and Poultry Science.
Chemistry	BRITAIN University of Manchester	Established as a result of S. Levine's visit to Guelph in 1971. Joint research on the discreteness-of-charge effects in electrode kinetics. Three research papers have been published to date. W.R. Fawcett, associate professor of chemistry.
Chemistry	U.S.A. 1. University of North Carolina 2. University of Florida	Informal agreements developed in 1976 to conduct research on molecular force constants in bonding (partner 1) and to perform theoretical examination of transitional metal complexes (partner 2). M.C. Zerner, professor of chemistry.
Environmental Biology	KENYA Government of Kenya	Program developed following a request by the Government of Kenya to CIDA in 1971. To develop a division of agriculture within the Ministry of Agriculture of the Government of Kenya. Phase II of the program starting in July 1976. Funded by CIDA. G.F. Townsend, professor of Agriculture.
Environmental Biology	SRI LANKA Ministry of Agriculture	Program established following a request by Sri-Lanka to CIDA in 1975. To establish a division of apiculture within the Ministry of Agriculture of Sri Lanka. Funded by CIDA. G.F. Townsend, professor of apiculture.

Environmental Biology	TANZANIA Government of Tanzania	Program established following a request by Tanzania to CIDA in 1976. To develop a Division of Apiculture within the Department of Forestry of Tanzania. Funded by CIDA. G.F. Townsend, professor of apiculture.
Institutional	COLOMBIA 1. Centre for International Research on Tropical Agriculture (CIAT) 2. International Centre for Research on Maize and Wheat (CIMMYT)	Formal agreements established in 1971 and 1974, respectively, at the request of the IDRC. To conduct research on cassava (CIAT) and triticale (CIMMYT) as part of an integrated research program on these two food crops. Staff visits are made as required to maintain the program integration and to supervise graduate student research. Graduate students from developing countries who are financed under the program work at Guelph or under Guelph supervision at the appropriate site. Both programs are funded by IDRC. Participating colleges at Guelph are: Ontario Agricultural College College of Biological Sciences Ontario Veterinary College W.E. Tossell, dean of research.
Institutional	GHANA University of Ghana at Legon	In 1968, the Government of Ghana asked CIDA to explore the feasibility of supporting its own efforts in higher education for agriculture. In 1969 such a feasibility study was carried out and CIDA asked the University of Guelph to implement the recommendations. Contract signed in 1970. Completion date is 1977-78. To assist the University of Ghana to become self-sufficient in staff, research and extension capability in agriculture, home economics, nutrition and related fields. Among the provisions of the contract are the following. 1. up to nine University of Guelph faculty members per

		year to support the Department of Animal Science, Crop Science, Nutrition and Food Science, Home Science and the Extension Division at the University of Ghana. 2. study awards for up to eight Ghanaian graduate students per year to study abroad in the five academic fields receiving support. 3. up to two Ghanaian Research Fellows at the University of Guelph in each year. 4. short-term faculty and staff secondments from Guelph to Ghana. Twenty seven Ghanaian students have studies at Guelph and five Canadian graduate students at Legon. Funded by CIDA. J.C.M. Shute, associate professor of agriculture.
Institutional	KENYA East African Veterinary Research Organization	Initiated at the request of the IDRC. To define the pathogenesis of African Animal Trypanosomiasis with particular reference to T. congolense infection in cattle and to develop methods to control this disease. Yearly visits by three faculty members from Ontario Veterinary College to Kenya for a period of one to two weeks at which time a conference is held. Two or three graduate students from EAVRO take courses at Guelph but do their research at Muguga (Kenya). Possibility of Canadian graduate students doing their research on project at Muguga. Bimonthly progress reports are exchanged and major review at annual conferences. The project is funded by IDRC. D.G. Ingram, associate dean of research.
Landscape Architecture	U.S.A. 1. California State	Program established in the fall of 1975 to determine the desirability

	2. Polytechnic University	of graduate student interchange and capitalization of expertise not locally available. Cameron Man, director, School of Landscape Architecture.
Mathematics	FEDERAL REPUBLIC OF GERMANY University of Hamburg	Joint research in quantum gravity using technique of dimensional regularization. G. Leibbrandt, associate professor of mathematics.
Mathematics	U.S.A. University of Washington	Joint leukemia research. John Holt, assistant professor of mathematics.
Ontario Veterinary College	MALAYSIA University Pertanian Malaysia	Developed in 1974 following discussions between CIDA and Malaysian officials. The present contract will end in 1978. Program was established to provide Canadian expertise to assist in the development of a Faculty of Veterinary Medicine in Malaysia, to a total of 12 man years. This assistance includes graduate training for four Malaysian members. Funded by CIDA. D.G. Howell, dean, Ontario Veterinary College.

LAKEHEAD UNIVERSITY

Biology	U.S.A. 1. U.S. Department of Agriculture 2. Smithsonian Institution	Personal involvement in the study to develop a computer program for storage and retrieval of taxonomic and related data leading to the production of a catalog of the Coleoptera of America north of Mexico. R. Freitag, associate professor of biology.
Chemistry	BRITAIN University of Salford	Began in 1973 through personal contact. Joint study of the dielectric and far infra-red absorption of polar molecules in the pure liquid state in solution and in matrix with a

		view to formulating more precisely the theories which account for their absorption. Exchange of two doctoral students. Funds provided by the National Research Council. S. Walker, professor of chemistry.
Mathematics	U.S.A. 1. Michigan Technological University 2. Northland College 3. University of Minnesota	The main objective of this informal agreement established in 1974 is to foster communication between the mathematicians in the Lake Superior Association of Colleges and Universities. C.F. Kent, chairman, Department of Mathematics.

LAURENTIAN UNIVERSITY OF SUDBURY/UNIVERSITE LAURENTIENNE DE SUDBURY

Français	FRANCE Centre Nationale de la Recherche Scientifique	Etablissement en 1974 de l'Observatoire de Sudbury, qui collabore avec le Centre d'étude du français moderne et contemporain à recueillir et à systématiser toutes les observations permettant de suivre l'évolution de la langue française et d'en étudier les variantes au sein de la communauté francophone. Laure Hesbois, professeur, département de français.

UNIVERSITE LAVAL

Foresterie et Géodésie	MAROC 1. Institut Agronomique et Vétérinaire	Entente établie suite à une demande de coopération de l'ACDI pour enseignants francophones de niveau universitaire en 1972. Six professeurs travaillent à l'Institut Agronomique et Vétérinaire en vue de la formation d'ingénieurs d'application en topographie et quatre autres sont à l'Ecole Génie rural et topographie pour voir à la formation d'adjoints techniques en topographie. Subventionnée par l'ACDI. Gilbert Sasserville, professeur, Département

		de foresterie et géodésie.
Phytologie	SENEGAL Institut National de Recherches Agronomiques	Etude conjointe établie en 1973 sur la résistance du songho à la sécheresse. Financée par le CRDI. Marc J. Trudel, directeur, Département de Phytologie.
Sciences de l'administration	PEROU Escuela de Administracion de Negocios para Graduados (ESAN)	Ce programme est l'initiative de l'ESAN et de la Faculté des sciences de l'administration de l'Université Laval qui ont soumis leur demande à l'ACDI. Le projet consiste à fournir certains services pédagogiques et techniques ainsi que tous les autres services connexes nécessaires à l'enseignement de l'administration, à la formation de professeurs latino-américains au Canada, à la formation de gestionnaires dans les milieux ruraux et à l'étude des problèmes de développement des pays andins. Neuf professeurs canadiens enseignent dans six institutions andines et neuf professeurs andins entreprennent des travaux de recherche au Canada. Subventionné par l'ACDI. Rosaire Couturier, directeur, Faculté des des Sciences de l'Administration.
Sciences de l'Agriculture et de l'Alimentation	MAROC Ecole nationale d'Agriculture de Meknès	Entente formelle signée en 1973 entre l'ACDI et l'Université Laval, suite aux préoccupations de l'ACDI de venir en aide aux pays du Nord de l'Afrique. Le projet consiste à fournir certains services pédagogiques et techniques ainsi que tous les autres services connexes nécessaires pour participer à l'enseignement supérieur pour la formation d'ingénieurs agronomes à l'Ecole Nationale d'Agriculture de Meknès au Maroc. La Faculté des Sciences de l'Agriculture et de l'Alimentation fournit un total de 25 hommes/années sur une période de 5 ans, en plus de plusieurs

		professeurs visiteurs. Un total de vingt bourses assurées pour une période de cinq ans, visant à la formation de professeurs marocains. Financée par l'ACDI. V. Lavoie, doyen, Faculté des Sciences de l'Agriculture et de l'Alimentation.
Sciences de l'Agriculture et de l'Alimentation	SENEGAL Institut National Agronomique de Bambey	Entente formelle établie en 1973 suite à plusieurs rencontres avec le Centre de Recherche pour le Développement International. Formation d'étudiants originaires des pays du Sahel africain au niveau de la maîtrise. Ces étudiants s'inscrivent à Laval pour y suivre des cours et vont poursuivre leurs recherches au Sénégal sous la direction conjointe de professeurs de l'Université Laval et de chercheurs de l'Institut de Bambey. Financée par le CRDI. Gérard B. Martin, vice-doyen, Faculté des Sciences de l'Agriculture et de l'Alimentation.

THE UNIVERSITY OF MANITOBA

Agriculture	CHILE University of Chile MEXICO Centro Internacional de Mejoramiento de Maiz y Trigo (CIMMYT)	The objective of this formal agreement is the development of tritical (wheat and rye) as a cereal crop for human consumption in developing countries. The University of Guelph also participates in this project. Graduate student training at the masters and doctoral level at The University of Manitoba for students from developing countries who return to their native country to conduct research. Reciprocal visitations of persons in charge of the various programs. Funded by IDRC, NRC and Agriculture Canada. E.N. Larter, professor, Department of Plant Science.

Agriculture	U.S.A. Iowa State University	A formal agreement established on a personal basis to develop comprehensive statistical models of the economy of Thailand for the purpose of (a) identifying economic development potentials; (b) identifying potential development programs; (c) suggesting means of implementing suggested programs. C.F. Framingham, professor, Department of Agricultural Economics and Farm Management.
Agriculture and food science	KENYA University of Nairobi	An informal agreement to assist in the development of the program of the Department of Food Science at the University of Nairobi and to enable Kenyan students to complete their M.Sc. studies in food science at The University of Manitoba while they conduct their research on locally important problems in Kenya. Joint research on the kinetics of destructive lipolytic enzymes in legume crops and their derivatives. R.A. Gallop, professor and head of the Department of food science.
Animal Science	LESOTHO Department of Agriculture	A formal agreement established in 1975 whereby Dr. N.E. Stanger is seconded to CIDA for a two-year period to: (a) determine the needs of a national pathology and diagnostic service in Lesotho; (b) design, operate and administer the service and evaluate its effectiveness; (c) provide in-service training (field and laboratory) to a Lesotho counterpart; (d) prepare a counterpart to take over responsabilities; (e) train laboratory assistants. Funded by CIDA. N.E. Stanger, professor, Department of Animal Science.
Architecture	GREECE 1. Government of Greece	A formal agreement to help small groups of participants to travel

	2. Universities in Greece 3. Technical Association in Greece	to Greece each year in a guided and organized way, comprising site visits, lectures and seminars. The participants cover their own expenses. D. Styliaras, professor, Department of City Planning.
Architecture	JAPAN Waseda University	A formal agreement established in 1970 providing for the annual exchange of a graduate student in architecture from each institution. K-C Lye, Head, Department of Architecture.
Medicine	BRAZIL 1. Universidade Federal do Rio de Janeiro 2. Universidade Federal do Pernambuco	An informal agreement whereby faculty members from The University of Manitoba are sent to Rio de Janeiro to assist in the establishment of research laboratories and the training of students in certain areas. Three Brazilian faculty members have visited the Department of Physiology at The University of Manitoba and one undergraduate student from Brazil spent three months in Manitoba to study muscle physiology. N. Stephens, professor, Department of Physiology.
Medicine	COLOMBIA University of Colombia	Established in 1972, joint cooperation in education and patient care in infections. One professor from The Univeristy of Manitoba spends one month each year in Bogota and one post-graduate fellow from Colombia spends six months at The University of Manitoba. Funded by CIDA, The University of Manitoba and the Universidad Nacional de Colombia. J.C. Wilt, professor, Department of Microbiology.
Medicine	U.S.A. University of Washington	Collaborative research on the effect of hormonal manipulations in fetal life on reproductive function and behaviour throughout

		infancy to adulthood in nemestrina monkeys. C. Faiman, professor of physiology and medicine.
Medicine	U.S.A. International Centre of Environmental Safety	Collaborative study of fetal and prepubertal primate (rhesus and chimp) regulation of hypothalalamo-pituitary-gondacal function. Funded by MRC and the National Center for Toxicologic Research (U.S.). C. Faiman, professor of physiology and medicine.
Physics	ITALY University of Milan U.S.A. 1. Yale University 2. University of Redlands	Informal agreement providing for the collaboration between nuclear physicists and individual or collective groups of physicists at other institutions. Programs being initiated and supported by The University of Manitoba with assistance from international collaborators. Funds provided by the National Research Council. J.S.C. McKee, director, Cyclotron Laboratory.
Zoology	FINLAND 1. University of Helsinki 2. University of Oulu 3. University of Turku U.S.S.R. Institute of Biology	Visits of faculty members and exchange of specimens and literature. W.O. Pruitt, professor of zoology.

MCGILL UNIVERSITY

Animal Science	FRANCE Institut National de la Recherche Agronomique	Formal agreement initiated by the Department of Animal Science to exchange information and technique on practical and fundamental research involving reproduction in domestic poultry. Annual visit for a three-week period by one professional from each institution. Funded by the France-Quebec Exchange Program. S.P. Touchburn,

		chairman, Department of Animal Science.
Chemistry	FRANCE Université de Paris VI	Established following Prof. Edward's sabbatical in Paris in 1972-73. Research project to study the effect of solvents on the reactivity of organic molecules. Four yearly visits are held, two in each institution. Exchanges of post-doctoral fellows for four or five months work in research laboratories in McGill and in Paris. Supported by the France-Québec Exchange Program. J.T. Edward, professor of chemistry.
Chemistry	FRANCE Ecole nationale supérieure de Chimie (Paris)	Developed in 1974 as a result of personal contact. Joint research to further understand the interactions between molecules of solute and of solvents and thereby to be able to better predict properties of solute molecules in given environments. Annual visits. One graduate student per year may study in France and one post-doctoral fellow visits France for six months every year. Funded by the France-Québec Exchange Program. P.G. Farrell and J.T. Edward, professors of chemistry.
Chemistry	FRANCE Université Louis Pasteur	Established following Prof. Chan's sabbatical in Strasbourg. Research teams from each institution collaborate in the study of the chemistry of macrocyclic phosphorous compounds. One week visits are planned each year for the principal investigators. During the first year of the program, one graduate student from McGill will study in Strasbourg and one post-doctoral fellow from Strasbourg will be at McGill the following year. T.H. Chan, associate professor of chemistry.

Chemistry	NIGERIA University of Nigeria at Nsukka	Mutual assistance between the Departments of Chemistry at both institutions. J.T. Edward, professor of chemistry.
Engineering	FRANCE Ecole Nationale Supérieure d'Electro-technique et Physique	Established on a five-year basis. The purpose of this project is to conduct research on the application of machines and their electric systems. Four visits are held annually, two in each country. Supported by the France-Québec Exchange Program. P. Silvester, professor of Engineering, McGill.
Engineering	FRANCE 1. Université des Sciences et Techniques 2. Thomson - CSF	Initiated in 1973 to exchange current status of research in area of surface-acoustic wave and acoustoelectric devices and systems. Four visits are held annually, two in each country. Funded by the France-Quebec Exchange Program. G.W. Farnell, professor, Faculty of Engineering.
Geography	SWITZERLAND Swiss Federal Institute of Technology (ETH)	Informal agreement developed as a result of the principal investigator having been associated with both institutions. The project, entitled the "North Water Project", is a glaciological and climatological investigation of the North Water polynea. Funded by the Department of Supply and Services, the U.S. National Science Foundation and by Swiss funds (NSF and ETH). Dr. Fritz Müller, honorary professor, Faculty of Graduate Studies.
Geological Sciences	FRANCE Centre de Synthèse et Chimie des Minéraux, CNRS	Agreement based on personal contact established in 1958 following Prof. Donnay's sabbatical at the Sorbonne. Research project to study the structural transformations of silicates. Several joint papers have been written and others are in

		preparation. Supported by the France-Québec Exchange Program. R.F. Martin, associate professor, Department of Geological Sciences.
History	FRANCE Université de Clermont	Originated following a visit to the Université de Clermont by Prof. Boulle in 1974. The object of the program, which should end with the presentation of an international colloquium in 1980, is to jointly study the history of Auvergne and Quebec. Four to five faculty members from the two institutions will visit the sister institution for periods ranging from three weeks to three months. Two undergraduate students from each institution will be exchanged yearly. Funds provided by the France-Québec Exchange Program. P.H. Boulle, associate professor of History.
Industrial Relations Centre	AUSTRALIA Australian Conciliation and Arbitration Commission	Exchange of documentation since 1969. F. Bairstow, professor and director of the Industrial Relations Centre.
Industrial Relations Centre	U.S.A. Columbia University	Informal cooperation based on exchange of information and occasional joint publications. F. Bairstow, professor and director of the Industrial Relations Centre.
Institutional	DENMARK Arktisk Institut Charlottenlund BRITAIN Scott Polar Research Institute NORWAY Nonsk Polar Institutts SWITZERLAND Eidgenossische Tech-	McGill University has been concerned with Arctic research since the 1920's and more intensively since 1945. A formal research agreement has been reached with E.T.H. of Switzerland and less formal arrangements exist with the other institutes listed. In essence, research is concerned with all disciplines, physical and human, within the Arctic, Subarctic and high mountain environments. McGill graduate students have proceeded to the

	nische Hochschule (ETH) U.S.A. Arctic Institute of North America U.S.S.R. The Arctic and Antarctic Research Institute	countries mentioned for formal degree programmes. McGill has conducted international seminars and conferences on various aspects of Arctic science and development. There is constant consultation and exchange of publications among the agencies listed. Trevor Lloyd, director, Centre for Northern Studies.
Islamic Studies	KUWAIT Kuwait University	Formal agreement owing to the personal interest of the official historian of Kuwait. To coordinate the study of the Gulf region among McGill, Kuwait University and the history committee of Kuwait. The agreement is for a ten year period. One Kuwait student is working on his doctorate at McGill and two McGill graduate students have spent lengthy periods of time in Kuwait for research. The agreement has been the basis for further arrangements and consultations of the Kuwaitis with the McGill faculties of Medicine and Engineering, the Planning Office, and the Administration; several delegations from Medicine and Engineering have visited Kuwait and a McGill administrator spent three months in Kuwait advising on university structure. Funded by Kuwait University. Charles J. Adams, director of Islamic Studies.
Italian	U.S.A. Harvard University	Formal agreement of cooperation established in 1970. Preparation of the Yearbook of Italian Studies. Funds provided by the Italian Cultural Institute, located in Montreal. Antonio D'Andrea, chairman, Department of Italian.
Law	FRANCE Université des sciences	Established following a visit by Prof. Groffier-Atala to France in

	juridiques, politiques et sociales de Strasbourg	1975. The objectives of the program are to exchange students, professors, researchers and results of research and studies whenever applicable. E. Groffier-Atala, professor, Institute of Comparative Law.
Management	FRANCE Ecole des Hautes Etudes Commerciales (HEC)	As a result of a visit to HEC by two McGill professors to discuss curriculum and courses, a formal agreement was reached whereby three or four second year MBA students in international business are exchanged each year. G. Leroy, associate professor, Faculty of Management.
Mechanical Engineering	FRANCE Université de Louvain	In existence since 1969, the agreement was formalized in 1975 following its acceptance in the France-Québec Exchange Program. The project title is "Couplage de la dynamique du gaz et des réactions dans les lasers chimiques". Funded by the France-Québec Exchange Program. J.H. Lee, professor, Department of Mechanical Engineering.
Medicine	BELGIUM Université Louvain	Established following the announcement of the Québec-Belgium Exchange. Joint research project on the identification of key antibody proteins in tissue rejection. Funded by the Québec-Belgium Program. R.D. Guttmann, professor, Faculty of Medicine.
Medicine and Paediatrics	KENYA University of Nairobi	Established in 1967 at CIDA's request; expected to be completed in 1978. The aims of the project are to: 1) assist in the development of a medical school at the University of Nairobi; 2) assist in the development of postgraduate training; 3) assist in the promo-

		tion of "Kenyanization" of the staff in medicine and paediatrics. Ten McGill faculty members are currently in Nairobi and the project coordinator visits the university annually. One Kenyan staff teacher is on study leave at McGill. Funded by CIDA. Douglas G. Cameron, professor, Faculty of Medicine.
Mining and Metallurgy	FRANCE 1. Institut National Polytechnique 2. Université de Metz	Informal agreement which had existed for several years was formalized in 1975 by its acceptance in the France-Québec Exchange Program. Three teams of metallurgists are working on metal deformation at different temperatures. The project's title is: "Mécanismes de durcissement et d'adoucissement dans les opérations des métaux et des alliages". The researchers visit each other once a year. Funded by the France-Québec Exchange Program. J.J. Jones, professor, Department of Mining and Metallurgy.
Physics	FRANCE Université Paul Sabatier	Formal agreement established following Prof. Wallace's sabbatical at Toulouse in 1972-73. Along with researchers from the Université de Sherbrooke, the investigators conduct continuing research on properties of semiconductors and semimetals in intense magnetic fields. Five joint publications, and others in preparation. Supported by the France-Québec Exchange Program. P.R. Wallace, professor of physics.

MCMASTER UNIVERSITY

Biochemistry	BRAZIL	Informal agreement among individuals

	University of Sao Paulo FRANCE Institut National de la Santé et de la Recherche Médicale	to pursue joint research on various derivitaves of the polypeptide hormone glucagon. R.M. Epand, associate professor of Biochemistry.
Biochemistry	U.S.A. Roswell Park Memorial Institute	Informal agreement to conduct joint research on mitochondrial biogenesis. Funds provided by MRC. K.B. Freeman, chairman, Department of Biochemistry.
Chemistry	TRINIDAD University of the West Indies	Formal agreement to pursue joint investigation of the biosynthesis of vitamin B6 from intermediates derivable from sugars. Dr. B.S. Mootoo of the University of the West Indies spends three months each year at McMaster. Funded by CIDA and NRC. I.D. Spenser, professor of Chemistry.
Engineering	U.S.A. University of California at Los Angeles	Informal agreement to collaborate in research. Experiments on raindrop formations are done at UCLA and computer calculations are done at McMaster. Two doctoral students come from UCLA to do computer modelling of clouds at McMaster. Funded by the participants and NRC. A.E. Hamielec, chairman, Department of Chemical Engineering.
Institutional	HUNGARY Institute of Cultural Relations	A formal agreement whereby the Institute offers six scholarships of up to ten months each, preferably but not exclusively in the sciences. McMaster offers up to two fellowships in a number of areas in the natural sciences and engineering; these will normally be awarded to Hungarian scholars who have recently completed their graduate work. McMaster may invite Hungarian scholars for term teaching appoint-

		ments. This co-operative programme is renewable annually subject to the funds available which are provided by the participants. J. Cameron, associate dean of Graduate Studies.
Mathematics	BRITAIN Agricultural Research Council	An agreement to conduct joint research on cell proliferation in plant root meristems based on personal contact. Visits exchanged almost every year. Funded by NRC. P.D.M. Macdonald, assistant professor of Applied Mathematics.
Mathematics	BRITAIN University of Reading	An informal agreement to give selected undergraduates the opportunity to work in applied statistics at an overseas university during the summer months. Funds provided by the NRC. P.D.M. Macdonald, assistant professor of Applied Mathematics.
Neuroscience	JAPAN Yamaguchi University	Joint research following personal contact on the structural changes associated with various alterations in control of stomach including such interventions as vagotomy, electrical stimulation, drug injection, etc. E.E. Daniel, professor of Neuroscience.
Physics	FRANCE Institut de Physique Nucléaire	Informal agreement to conduct theoretical studies of nuclear structure and forces. Staff visits are held annually and graduate students from McMaster do research in France. Funded by NRC and CNRS (France). D.W.L. Sprung, dean of the Faculty of Science.
Physics	FRANCE Université de Strasbourg	Collaboration in research in theoretical nuclear physics. Funded by NRC and CNRS (France). M.A. Preston, professor of Physics.

Engineering	BRITAIN Scott Polar Research Institute	Formal agreement which developed through contacts between the director of the Scott Polar Institute and the Vice-President of Memorial University of Newfoundland. Joint research on the breakup of sea ice due to ocean swell. Funds are provided by Environment Canada. G.R. Peters, associate professor of engineering.
Engineering	BRITAIN Trent Polytechnic NIGERIA University of Ibaden	Formal agreement to evaluate the uses and benefits of cooperative education in developing countries. Funds provided by CIDA, Memorial, Trent Polytechnic and the University of Ibaden. Peter Young, director of co-ordination, Department of Engineering.
Engineering	U.S.A. Massachusetts Institute of Technology (MIT)	A formal agreement whereby Dr. Malcolm visits MIT for 2 week periods every six months. Collaboration on research in surface tension instrumentation, surface chemistry and thermodynamics near the critical point. J.D. Malcolm, assistant professor of engineering.
Engineering	U.S.A. South Dakota School of Mines and Technology	An informal agreement to conduct joint research on dynamic response of underground cavities for the transportation, mining and nuclear industries. D.V. Reddy, professor of engineering.
Engineering	U.S.A. U.S. Army Cold Regions Research and Engineering Laboratory	Informal agreement to exchange information and to work on ice engineering problems of mutual interest. D.S. Sodhi, associate professor of engineering.
Folklore	BRITAIN The University of Sheffield	A formal agreement enabling graduate students to receive credit at their home university for

		courses taken at the exchange institution. The main objective of this program is to provide students of folklore at both institutions with a means of broadening their acquaintance with the discipline and its materials. N.V. Rosenberg, chairman, Department of Folklore.
German	FEDERAL REPUBLIC OF GERMANY Embassy of the Federal Republic of Germany in Canada	A formal agreement established in 1965 to offer students the opportunity of spending a summer in West Germany on a study and/or work program. H.H. Jackson, chairman, Department of German and Russian.
Linguistics	FEDERAL REPUBLIC OF GERMANY Universitet Freiburg-im-Breisgau	An informal agreement to exchange teaching personnel. J. Hewson, professor of linguistics.
Medicine	INDIA World Health Organization (New Delhi) SWEDEN 1st Medical Clinic (Gothenburg)	An informal agreement to cooperate in the development of a new non-evasive method to improve the diagnosis of hypertension. There is also continuous methodological help given for preventative cardiology projects in South East Asia to the WHO in New Delhi. J.G. Fodor, professor of epidemiology.
Medicine	U.S.A. Harvard Medical School	Research was awarded by NIH to Dr. J.C. Orr while at Harvard; Dr. Groman of Harvard is now principal investigator, and Dr. Orr is co-principal investigator. Joint research on "Deuteriohormone-Protein Interactions". The objective is to study the regions of interaction of steriod hormones with their specific receptor sites on appropriate receptor proteins using deuterium substitution on the steroid as the probe, and

		assay of its effect by isotope ratio mass spectometry. Funded by NIH (U.S.). James C. Orr, professor of biochemistry.
Pathology	IVORY COAST Institut de Recherches sur l'Onchocercose SWITZERLAND World Health Organization (WHO)	A formal agreement established in 1972, whose main objective is the biological control of biting flies. With IRO, there is collaborative research on the biological control of the vector Onchocerciasis, Simulium damnosum. The Research Unit on Vector Pathology at Memorial is the WHO's Collaborating Centre on Biological Control for the identification, ecology and safety of non-target organisms. Funded by IDRC and the World Health Organization. Marshall Laird, director, Research Unit on Vector Pathology.

UNIVERSITE DE MONCTON

Institutionnel	ETATS-UNIS University of South Western Louisiana	Une entente officieuse établie entre les deux établissements qui assure l'échange annuel de deux étudiants du 2e cycle. Jean Cadieux, recteur, Université de Moncton.

UNIVERSITE DE MONTREAL

Architecture	FRANCE Centre Scientifique et Technique du Bâtiment	Echanges de chercheurs et d'enseignants dans le but de développer des projets d'enseignement et de recherche communs. Ces échanges s'insèrent dans le cadre des ententes France-Québec. C. Davidson, doyen de la Faculté de l'Aménagement.

Architecture	FRANCE Ecole nationale supérieure des arts décoratifs	Recherche conjointe sur la pédagogie en design basée sur une entente formelle. R. Levy professeur adjoint en architecture.
Biologie	BRESIL Museo Sao Paulo REPUBLIQUE FEDERALE DE L'ALLEMAGNE Université de Ulm YUGOSLAVIE Université de Ljubljana	Projet de recherche conjoint sur la vision chez les poissons, qui implique l'échange de personnel et d'étudiants, subventionné par le Ministère d'Education du Québec, le Deutsche Forschungsgenmeinschaft (Allemagne), le Conselho Nacional de Pesquisas (Brésil) et l'OTAN. M.A. Ali, professeur de biologie.
Centre de Calcul	FRANCE Laboratoire d'Automatique documentaire et linguistique	Recherche conjointe visant le développement de matériel pédagogique, utilisant le film animé par ordinateur, pour enseigner certains aspects de linguistique moderne pouvant servir à la formation des maîtres et des étudiants. Les chercheurs principaux se rencontrent environ deux fois l'an. Le projet s'insère dans le cadre de l'entente France-Québec. J. Baudot, directeur, Centre de calcul.
Centre d'Etudes et de Documentation Européennes	FRANCE Centre d'Etudes de Relations Internationales REPUBLIQUE FEDERALE DE L'ALLEMAGNE Deutsche gesellschaft für Aswärtige Politik	Le programme PECEO (Etude des politiques étrangères comparées des Etats d'Europe occidentale) a débuté en septembre 1974 tel que proposé et mis en place par le professeur Paul Painchaud qui en est l'animateur canadien. Le programme cherche à comparer les diverses politiques étrangères des Etats de l'Europe occidentale à l'exclusion de ceux qui font partie du bloc soviétique ou sont d'allégeance communiste. Le programme se veut un instrument permanent d'information entre les universitaires canadiens, américains et européens intéressés à cette question. Un colloque sur

		les politiques étrangères s'est tenu à Montréal les 23 et 24 avril 1976. Subventionné en partie par le Conseil des Arts. P. Painchaud, professeur agrégé des sciences politiques à l'Université Laval.
Centre de Recherches Caraïbes	FRANCE Centre Charles Richet d'Etude des Dysfonctions de l'Adaptation	Etude comparée, complémentaire sur l'adaptation des Antillais immigrés au Québec. Jean Benoist, directeur, Centre de Recherches Caraïbes.
Centre de Recherches Caraïbes	FRANCE Centre d'Etudes de Géographie Tropicale	Echange d'information, de publications, de chercheurs, d'étudiants et de stagiaires, subventionné dans le cadre de l'entente France-Québec. J. Benoist, directeur du Centre de Recherches Caraïbes.
Centre de Recherches Caraïbes	GUADELOUPE Centre d'études et de recherches criminologiques	Echange d'information, de publications, de chercheurs et d'enseignants. Organisation de réunions scientifiques. J. Benoist, directeur, Centre de Recherches Caraïbes.
Centre de Recherches Caraïbes	SENEGAL Institut Africain de Développement et de Planification	Participation au programme "Formation pour l'environment"; organisation conjointe de séminaires et de publications. Jean Benoist, directeur, Centre de Recherches Caraïbes.
Centre de Recherche sur la Croissance Humaine	GRANDE-BRETAGNE 1. University of London 2. National Children's Bureau	Etude de la croissance et du développement de l'enfant canadien-français ainsi que l'étude de son milieu environnant, social, économique, nutritionnel, etc. qui implique l'échange de personnel enseignant et une consultation mutuelle. Subventionnée par l'Université de Montréal, le Ministère des Affaires Sociales du Québec et Santé et Bien-être Social Canada. A Demirjian,

		directeur, Centre de Recherche sur la Croissance Humaine.
Centre de recherches écologiques de Montréal (CREM)	EQUATEUR Institut National des Pêches	Entente établie entre l'Université de Montréal et l'ACDI visant le développement de l'aquaculture dans les eaux douces, froides et chaudes, de la République de l'Equateur. Quatre professeurs de l'Université de Montréal se rendent périodiquement (2 fois par an) pendant trois semaines à l'Institut National des Pêches. Subventionnée par l'ACDI. Raymond McNeil, directeur du Centre de recherches écologiques de Montréal.
Centre International de Criminologie Comparée (C.I.C.C.)	BELGIQUE Université de Louvain FRANCE Centre de Formation et de Recherche de l'Education surveillée GUADELOUPE Centre Universitaire Antilles-Guyane HONGRIE Université Eötvös Lorand ITALIE Institut de Recherches des Nations-Unis sur la Défense Sociale POLOGNE Institut de Prophylactique et de Resocialisation Varsovie VENEZUELA Université de Zulia	Ententes formelles avec ces établissements ont été signées au cours de l'année universitaire 1975-76. Recherches conjointes sur les sujets suivants: a) déliquence juvénile; b) politique criminelle; c) réaction sociale à la déviance; d) prévention et traitement de la criminologie; e) modes de nomination et de formation des juges; f) services policiers; g) services correctionnels; h) nouvelles formes de la déviance; i) traitement des criminels malades mentaux; j) coût du crime; k) criminalité dans les pays en voie de développement. Recherches donnent lieu à des séminaires et des conférences organisés conjointement. Subventionnée par l'Université de Montréal, le Ministère de l'Education du Québec, le Ministère de la Justice du Québec, le Ministère de la Justice et le Ministère du Solliciteur général. D. Szabo, directeur du Centre.

Chimie	ETATS-UNIS University of Massachussetts	Recherche conjointe. Echanges de professeurs et d'étudiants des deuxièmes et troisièmes cycles. R.H. Marchessault, directeur, Département de chimie.
Chimie	FRANCE Université Claude Bernard	Echange de professeurs et d'étudiants des deuxième et troisième cycles. D.C. Dejohgh, professeur, Département de chimie.
Chimie	FRANCE Université Louis Pasteur	Echange de professeurs et d'étudiants des deuxième et troisième cycles. S. Hanessian, professeur, Département de chimie.
Chimie	FRANCE Université Paul Sabatier	Echange de chercheurs; recherche conjointe en chimie organique. J.C. Richer, professeur de chimie.
Chimie	FRANCE Université Scientifique et Médicale, Grenoble	Echange de chercheurs; recherches conjointes sur les macro-molécules végétales. R.H. Marchessault, directeur, Département de chimie.
Démographie	BELGIQUE Université catholique de Louvain	Entente formelle qui favorise l'échange de visites du personnel. J. Légaré, directeur, Département de démographie.
Démographie	FRANCE Institut national d'études démographiques (I.N.E.D.)	Programme établi en 1964 en vue de l'échange de professeurs et de chercheurs. J. Légaré, directeur, Département de démographie.
Démographie	HAUTE-VOLTA	Contrat entre le Centre de recherches en développement international et le Département de démographie, sur demande du gouvernement de la Haute-Volta, pour collaborer dans une étude des migrations en Haute-Volta. Subventionné par le CRDI. Joel Gregory, professeur adjoint,

		Département de démographie.
Ecole des Hautes Etudes Commerciales	ALGERIE Institut national de la productivité et du développement	Entente formelle établie pour voir à la formation d'administrateurs en Algérie par les professeurs de l'Ecole des Hautes Etudes Commerciales. Subventionnée par l'ACDI. A. Poirier, directeur du Centre d'étude de l'administration international.
Ecole des Hautes Etudes Commerciales	BELGIQUE Université de l'Etat à Liège	Etude conjointe de l'administration des entreprises. L'Université de Sherbrooke participe aussi à cette entente formelle. Le projet s'insère dans le cadre de l'entente Québec-Belgique. J. Denis Duquette, secrétaire général, Ecole des Hautes Etudes Commerciales.
Ecole des Hautes Etudes Commerciales	FRANCE 1. Centre d'enseignement supérieur des affaires 2. Université de Paris-Dauphine	Projet de recherche conjointe sur l'étude comparative des organisations. Subventionné dans le cadre de l'entente France-Québec. J. Denis Duquette, secrétaire général, Ecole des Hautes Etudes Commerciales.
Ecole des Hautes Etudes Commerciales	FRANCE Ecole International de Bordeaux	Entente formelle qui vise le perfectionnement des cadres de gestion de toute la francophonie. Subventionnée par l'Agence de cooperation culturelle et technique (francophonie). André Poirier, professeur, Ecole des Hautes Etudes Commerciales.
Ecole des Hautes Etudes Commerciales	FRANCE Université de Paris-Dauphine	Etude comparative conjointe des organisations. Cette entente formelle s'insère dans le cadre de l'entente France-Québec. J. Denis Duquette, secrétaire général, Ecole des Hautes Etudes Commerciales.

Education	FRANCE Ministère de l'éducation nationale	Entente formelle ayant pour but d'étudier: 1) le système d'administration de l'Education au Québec; 2) les théories de base de l'administration de l'Education, et 3) les applications de ces théories et les liens entre les théories et la pratique. Quinze administrateurs sont désignés en stage à l'Université de Montréal pour six semaines chaque année. L'Université de Sherbrooke, l'Université du Québec à Montréal et l'Ecole nationale d'administration publique de l'Université du Québec participent aussi à cette entente. Subventionnée par l'Université de Montréal, le Gouvernement du Québec et le Gouvernement de la France. Philippe Dupuis, professeur agrégé, Sciences de l'éducation.
Education Physique	BELGIQUE Université Libre Bruxelle ETATS-UNIS 1. San Diego State University 2. University of Texas	Une entente officieuse qui consiste à: (1) étudier certaines caractéristiques biologiques des athlètes participants aux Jeux Olympiques de Montréal; (2) uniformiser les techniques de mesure; (3) échanger des informations relatives aux domaines de l'anthropométrie et de la somatotypie. G. Larivière, directeur, Département d'éducation physique.
Etudes françaises	FRANCE Université de Paris VII	Etude conjointe des procédés d'écriture dans les littératures françaises et québécoises; implantation de la littérature québécoise à l'Université de Paris VII. Deux professeurs échangés annuellement pour de courtes missions; échange annuel de deux étudiants des 2e et 3e cycles. Le projet s'insère dans le cadre de l'entente France-Québec. J.C. Godin, directeur,

		Département d'études françaises.
Génie	SENEGAL Gouvernement du Sénégal	Entente formelle établie avec l'ACDI en 1973 en vue d'implanter d'une façon permanente une école de génie au Sénégal qui verra à la formation d'ingénieurs sénégalais dans les domaines du génie civil-rural et du génie mécanique-industriel en particulier. Affectation de 32 coopérants canadiens en tant que cadres, professeurs, techniciens et secrétaires. Subventionnée par l'ACDI. Julien Dubuc, directeur, Projet de l'Ecole Polytechnique de Thiès.
Génie (chimique)	FRANCE Institut de génie chimique de Toulouse	Entente formelle établie en 1972 à l'occasion du Centenaire de l'Ecole Polytechnique de Montréal. Collaboration à la formation initiale et continue de l'ingénieur du génie chimique. Echange de quatre professeurs (2 français - 2 québécois) de six étudiants du 1er cycle (3 français - 3 québécois) et de quatre étudiants du 2e cycle (2 français - 2 québécois). Le projet s'insère dans le cadre de l'entente France-Québec. Denis Rouleau, professeur agrégé de génie chimique.
Génie (civil)	FRANCE Institut National Polytechnique de Toulouse	Entente formelle établie en 1975. Recherche relative à l'étude optimale de l'évacuation et du traitement des eaux usées en régions urbaines. Echange de trois professeurs (2 français et 1 québécois), de trois étudiants du premier cycle et d'un étudiant du 3e cycle. Subventionnée dans le cadre de l'entente France-Québec. François Brière, professeur agrégé de génie civil.

Génie (électronique)	FRANCE Institut National Polytechnique de Toulouse	Entente formelle établie en 1975 dans le cadre de l'entente France-Québec. Projet a pour but de permettre aux professeurs d'évaluer le contenu, la méthodologie et le niveau des cours, et aux étudiants sous-gradués de découvrir les avantages pour eux d'entreprendre des études supérieures en France. Echange de deux professeurs dans chaque sens et de trois étudiants du premier cycle. Jacques Spooner, professeur agrégé de génie électronique.
Génie (électrique)	FRANCE 1. Laboratoire d'Automatique et d'Analyse des Systèmes 2. Ecole Centrale de Lyon 3. Institut National Polytechnique de Toulouse	Entente formelle établie en 1973 à la suite de contacts personnels. Etude de la gestion optimale des réservoirs des centrales hydro-électriques; modèlisation des systèmes à paramètres répartis. Echange de quatre professeurs (1 français - 3 québécois) et de deux étudiants français du 2e cycle. Le projet s'insère dans le cadre de l'entente France-Québec. Jules O'Shea, professeur titulaire de génie électrique.
Génie (métallurgique)	BELGIQUE Université Libre de Bruxelles	Entente formelle établie en 1975 à la suite de contacts personnels. Recherches conjointes. Echange d'un étudiant du deuxième ou troisième cycle, dans les deux sens. Dominique-Louis Piron, professeur agrégé, Département de génie métallurgique.
Génie (métallurgique)	FRANCE Institut National Polytechnique de Grenoble	Entente formelle établie en 1975 et prévue pour une durée de cinq ans. Les participants cherchent à réaliser une coopération fructueuse dans le domaine de l'éducation des ingénieurs et de la recherche appliquée. Etude conjointe de la thermodynamique et de la cinétique des réactions

		l'élaboration de l'acier et du ferro-titane. Echange de professeurs et d'étudiants des 2e et 3e cycles. Le projet s'inscrit dans le cadre de l'entente France-Québec. F. Ajersch, professeur agrégé de génie métallurgique.
Génie (métallurgique)	FRANCE Université de Compiègne	Le programme de collaboration a été officiellement mis sur pied en 1975 dans le cadre de l'entente France-Québec, et cherche à effectuer des recherches conjointes en fatigue, mécanique de la rupture et émission acoustique. Echange d'étudiants des 2e et 3e cycles, de chercheurs et de professeurs. J.P. Baïlon, professeur agrégé de génie métallurgique.
Génie (minéral)	FRANCE Institut national polytechnique de Lorraine	Une entente formelle, établie à la suite de contacts personnels, en vue de: 1) standardiser et rendre opérationnelles les méthodes géostatistiques d'évaluation minière; 2) explorer les possibilités de l'analyse factorielle typologique en matière de données; 3) effectuer des recherches sur les standards des roches, des minerais et des minéraux et 4) effectuer des recherches sur les techniques géochimiques pour l'analyse pétrologique. Echange d'un chercheur français et d'un chercheur québécois. Le projet s'insère dans le cadre de l'entente France-Québec. Léopold Gélinas, professeur titulaire de génie minéral.
Génie (physique)	FRANCE 1. Université Paul Sabatier 2. Université Scientifique et Médicale de Grenoble	Entente formelle établie en 1975 suite à des contacts personnels. Recherches conjointes sur la résonance herromagnétique, les propriétés diélectriques des polymères et la caractérisation

		des isolants solides. Echange de quatre professeurs (2 français et 2 québécois) et de deux étudiants gradués. Le projet s'insère dans le cadre de l'entente France-Québec. Serge Galarneau, professeur agrégé de génie physique.
Géologie	ETATS-UNIS American Museum of Natural History	Recherche conjointe sur les trilobites des Appalaches en Amérique du Nord. P.J. Lespérance, directeur, Département de géologie.
Géologie	ETATS-UNIS Boston University	Etudes des fossiles du Précambrien. Subventionnées par le Centre national de recherches. H.J. Hofmann, professeur de géologie.
Géologie	GRANDE-BRETAGNE Imperial College of Science and Technology	Recherche conjointe visant l'évaluation de l'utilité biostratigraphique des fossiles du Précambrien à l'échelle mondiale. Subventionnée par le CNR (Canada) et l'UNESCO. H.S. Hofmann, professeur de géologie.
Informatique	FRANCE Institut de Recherche en informatique appliquée	Projet établi lors du lancement du satellite SYMPHONIE afin d'explorer les communications inter-ordinateurs via satellites. On tente de répondre aux besoins opérationnels exprimés par les membres du groupe, de même que procéder à des expériences d'interrogation de fichiers ou de banques de données, d'utilisation de programmes à distance, de téléconférences par ordinateur, de portage de programmes ou d'équipement. L'Ecole Polytechnique de Montréal et le Centre de recherches en mathématiques de l'Université du Québec participent aussi au projet. Pierre

		Goyer, professeur adjoint, Département d'informatique.
Informatique	FRANCE Université de Montpelier	Recherche conjointe en statistique informatique et visites annuelles de quatre chercheurs. Subventionnées par le Centre national de recherches, l'entente France-Québec et l'Université de Montpelier. R. Cleroux, professeur en informatique.
Informatique	FRANCE Université de Nice	Entente officielle qui cherche à élargir le champ des recherches faites au laboratoire d'informatique de l'Université de Nice, avec la coopération de l'équipe québécoise, dans le domaine du traitement informatique des langues (naturel et artificiel). Trois Français viendront à Montréal et deux Québécois se rendront à Nice pour des stages de recherche. Le programme s'insère dans le cadre de l'entente France-Québec. Paul Bratley, directeur, Département d'informatique.
Informatique	FRANCE Université de Paris VI	Projet de recherche conjointe ayant trois buts principaux: 1) étudier les principes fondamentaux des structures de systèmes, c'est-à-dire les liens entre les composantes fabriquées par la technologie LSI (Large Scale Integration); 2) développer la connaissance des applications et de ses interactions aux architectures des systèmes existants; 3) trouver des structures nouvelles pour des applications de valeur économique. Subventionné par le Centre national de recherche. S. Hyder, professeur titulaire, Département d'informatique.

Institut d'études médiévales	ITALIE CNUCE (Pise)	Un groupe de recherche à Montréal a développé un logicien général de traitement de texte sur un ordinateur CDC; en collaboration avec le groupe de Pise, les participants cherchent à développer une version IBM. Subventionné par le Conseil des Arts. Paul Bratley et Serge Lusignan, professeurs, Institut d'études médiévales.
Institut d'Histoire Socio-Politique des Sciences (I.H.S.P.S.)	ETATS-UNIS John Hopkins University	Entente formelle établie en 1974. Echange annuel simultané d'un professeur et d'un étudiant de maîtrise ou de doctorat pour la durée d'un trimestre. C. Limoges, directeur, I.H.S.P.S.
Institut d'Histoire Socio-Politique des Sciences (I.N.S.P.S.)	FRANCE OCDE (Division des politiques de la science)	Echange de chercheurs, de publications et d'information. C. Limoges, directeur, I.N.S.P.S.
Linguistique	ETATS-UNIS New York University	Echange de recherches détaillées sur la description syntaxique et sémantique de verbes et adverbes anglais. Richard Kittredge, directeur, T.A.U.M.
Linguistique	FRANCE Université de Marseille	Le titre du projet est "Recherches en sémantique appliquées sur ordinateur"; développement des outils de programmation et des analyses linguistiques pour la démonstration automatique en langue naturelle ainsi que la traduction automatique. Un professeur de McGill University participe aussi au projet. Entente formelle qui s'inscrit dans le cadre de l'entente France-Québec. Richard J. Kittredge, directeur, T.A.U.M.

Linguistique	FRANCE Université de Paris-Nord	Entente formelle établie en 1970. Observation du français moderne et contemporain; recherche de néologismes; préparation d'un dictionnaire de néologismes de la francophonie. André Clas, directeur, Département de linguistique.
Mathématiques	FRANCE Institut de Recherche d'Informatique et d'Automatique (IRIA)	Accord signé en 1973. Le Centre de Recherches Mathématiques et l'IRIA collaborent dans les domaines (1) du contrôle des Systèmes retards et applications et (2) de l'analyse numérique des problèmes d'équations aux dérivées partielles. L'accord s'insère dans le cadre de l'entente France-Québec. A. Joffe, directeur, Centre de Recherches Mathématiques.
Mathématiques	MEXIQUE 1. Comsejo Nacional de Ciencia y Tecnologia 2. Université de Mexico 3. Université Métropolitaine de Mexico	Entente visant: a) l'application des méthodes mathématiques développées au Centre de Recherches Mathématiques aux problèmes particuliers en méchanique quantique, nucléaire et physique des particules, et plus récemment en relativité générale; b) une collaboration des calculs d'analyse numérique; c) une collaboration sur des problèmes de probabilité liés à la théorie des processus de branchements. Chaque année un groupe de 4 ou 5 chercheurs au Centre séjournent à Mexico, et le Centre reçoit des Mexicains. M. A. Joffe, directeur, Centre de Recherches Mathématiques.

Médecine (anatomie)	ETATS-UNIS University of Maryland FRANCE Université de Paris SUEDE Université de Goteborgs	Recherche conjointe et échange d'information sur les explorations électromyographiques de la musculature. Hubert Ladd, associé de recherche, Département d'anatomie.
Médecine (microbiologie et immunologie)	BELGIQUE Université de l'Etat de Liège FRANCE 1. Université de Montpelier 2. Institut Pasteur 3. Université Scientifique et Médicale GRANDE-BRETAGNE London School of Tropical Medicine and Parasitology SUEDE Karolinska Instituted	Echanges de professeurs et d'étudiants avancés. Projets de recherche conjointe sur la vinologie, l'immunologie et la parasitologie. Subventionnés par le Conseil de Recherches Médicales du Canada et le Ministère des Affaires Sociales. Sorin Somea, directeur, Département de microbiologie et immunologie.
Médecine (nutrition)	FRANCE Institut National de la Santé et de la Recherche Médicale	Collaboration à une étude internationale sur les effets de l'alimentation sur les maladies cardio-vasculaires. Estelle Mongeau, professeur agrégé, Département de nutrition.
Nursing	ALGERIE Institut Technologique de la Santé Publique	Entente formelle établie en 1974 avec l'ACDI dont le but est d'offrir aux stagiaires étrangers et boursiers d'organismes officiels, désireux de se perfectionner en nursing, un programme susceptible de les aider à acquérir une formation répondant aux besoins de leur pays en matière de santé. Alice Girard, professeur agrégé, Département de l'éducation permanente.

Optométrie	BELGIQUE Société d'optométrie d'Europe	Depuis 1970, les professeurs de l'Ecole d'optométrie de l'Université de Montréal donnent des cours aux membres de la Société d'optométrie d'Europe à Bruxelles, Milan, Madrid et Paris. J. Létourneau, professeur, Ecole d'optométrie.
Optométrie	ETATS-UNIS Pacific University	Entente formelle établie en 1973. Recherche conjointe sur l'application des techniques de retroaction biologique et de modification du comportement à la rééducation visuelle. Echange d'étudiants et de professeurs. J. Létourneau, professeur, Ecole d'optométrie.
Optométrie	FRANCE Muséum National d'histoire naturelle	Recherche conjointe sur les effets de stimuli sonores sur la vision. Echange de professeurs. J. Létourneau, professeur, Ecole d'optométrie.
Pharmacie	FRANCE Université de Montpelier I	Entente formelle, établie en 1973, qui s'insère dans le cadre de l'entente France-Québec. Echanges de professeurs et d'étudiants en vue de développer un enseignement spécialisé en pharmacie industrielle, d'établir une unité expérimentale de fabrication pharmaceutique à Montréal et de réaliser en collaboration des travaux de recherches. Julien Braun, doyen, Faculté de pharmacie.
Physique	ETATS-UNIS Etat d'Hawaii FRANCE Centre National de Recherche Scientifique (C.N.R.S.)	Entente tripartite signée en 1974 par décision du Cabinet fédéral, du C.N.R.S. français et l'Etat d'Hawaii. Construction d'un téléscope de grande envergure et utilisation du dit téléscope par les chercheurs des pays concernés. Le téléscope devrait être en opération en

		1979. Subventionnée par le Canada, la France et l'Hawaii. René Racine, directeur, Observatoire du Mont-Mégantic.
Physique	ETATS-UNIS University of California ITALIE Université Gênes REPUBLIQUE FEDERALE DE L'ALLEMAGNE Universitat Konstanz	Etude de la perméabilité ionique de membranes artificielles lipidiques. R. Laprade, professeur agrégé de physique.
Physique	FRANCE 1. Institut astrophysique 2. Observatoire de Meudon 3. C.E.N., Saclay	Entente formelle établie en 1972 à la suite de rencontres à des conférences internationales. Recherche conjointe sur la nucléosynthèse et l'évolution stellaire. Le projet s'insère dans le cadre de l'entente France-Québec. G. Michaud, professeur agrégé de physique.
Physique	FRANCE 1. Université de Lyon 2. Université Tours	Entente formelle établie à la suite de contacts personnels. Etudes conjointes sur la biophysique des membranes. G. Roy, professeur agrégé de physique.
Physique	FRANCE 1. Université d'Orsay 2. Université de Strasbourg 3. Université de Lyon 4. Commissariat à l'Energie atomique 5. Université de Grenoble REPUBLIQUE FEDERALE DE L'ALLEMAGNE 1. Université de la Ruhr 2. Université technique de Darmstadt 3. Université de Hannover	Entente formelle établie sur le plan institutionnelle dans le cadre des ententes France-Québec et Québec-Allemagne. Recherches en physique nucléaire à basses et moyennes énergies; préparation des expériences, leur réalisation, analyse des résultats, et aussi mise sur pied de programmes théoriques faisant usage des ordinateurs à Montréal, Orsay et autres. Contacts par visites et échanges surtout au niveau des chercheurs expérimentés. Pierre Depommier, directeur,

		Laboratoire de physique nucléaire.
Physique	FRANCE Université de Paris XI	Entente formalisée en 1975. Etude, mise au point et application des structures hyperfréquences servant à l'excitation des champs H.F. et à la création de plasmas. Echange d'étudiants au niveau de la thèse du doctorat pour quelques mois. Projet intégré dans le cadre de l'entente France-Québec. Michel Moisan, professeur adjoint de physique.
Psycho-éducation	ETATS-UNIS 1. Vanderbilt University 2. Cornell University 3. Edwin Gould Foundation for Children SUISSE Université de Genève	Le but de cette entente est de: 1. développer la psycho-éducation grâce à des échanges avec des spécialistes internationaux au plan de l'enseignement et de la recherche; 2. favoriser les contacts de professeurs et étudiants canadiens de psycho-éducation avec des collègues étrangers; 3. permettre au corps professoral et aux personnes en formation de participer à des réalisations en autres pays; et 4. contribuer au Canada à la formation d'un groupe de psycho-éducateurs en provenance de pays industriels et de pays en voie de développement. Pierre Gauthier, directeur, Ecole de psycho-éducation.
Psychologie	FRANCE Université de Marseille	Recherche conjointe, par la technique des microélectrodes, des réponses cellulaires à la suite de la présentation de stimuli à forme aléatoire et ayant un spectre de fourier connu. Bruno Cardu et Franco Lepore, professeurs, Département de psychologie.

Psychologie	FRANCE Université de Paris X	Entente formelle qui permet l'échange annuel d'un professeur pour une durée de 6 semaines et de deux étudiants au niveau du doctorat pour une période de 6 mois. Le projet s'insère dans le cadre de l'entente France-Québec. Jean Morval, professeur adjoint de psychologie.
Sciences biologiques	DANEMARK Odense University ETATS-UNIS College of William and Mary	Entente officieuse établie à la suite d'échanges de publications entre le Prof. Roy et un professeur de Odense University. Participation au programme de recherche intitulé "Molecular and Systemic Basis of Temperature Compensation in Invertebrates". Adolphe Roy, professeur agrégé, Département des sciences biologiques.
Sciences biologiques	YOUGOSLAVIE Université de Ljubljana	Recherche conjointe en physiologie sensorielle. Echange annuel de un ou deux professeurs et de un ou deux étudiants des 2e et 3e cycles. M. A. Ali, professeur titulaire, Département des sciences biologiques.
Sciences économiques	COTE D'IVOIRE Gouvernement ivoirien	Une entente formelle établie avec l'ACDI afin de réaliser une étude de l'économie ivoirienne destinée à servir de document de travail en vue de l'élaboration de la politique d'aide de l'ACDI à la Côte d'Ivoire. Subventionnée par l'ACDI. André Martens, Département des sciences économiques.
Sciences économiques	MAURITANIE Gouvernement de la Mauritanie	Entente formelle établie avec l'ACDI visant la participation canadienne au 3e Plan de développement de la Mauritanie. Subventionnée par l'ACDI. André Martens, Département des sciences

		économiques.
Science politique	FRANCE 1. Institut d'Etudes politiques (Bordeaux) 2. Institut d'Etudes politiques (Grenoble)	Entente formelle établie en 1974 qui permet l'échange de professeurs et d'étudiants des deuxième et troisième cycles. L'Université du Québec à Montréal et l'Université Laval participent aussi à cette entente. Robert Boily, directeur, Département des sciences politiques.
Théologie	ISRAEL Ecole Biblique et Archéologique Française	Entente officieuse en vue de faciliter les stages archéologiques des étudiants des premier et deuxième cycles de la Faculté de théologie. Echange d'information archéologique. Guy Couturier, professeur agrégé, Section des études bibliques de la Faculté de théologie.
Traduction Automatique	FRANCE Université de Paris VII	Etude de la méthodologie en syntaxe et sémantique; échange de résultats de recherche sur la description sémantique et syntaxique des verbes et adverbes français. Richard I. Kittredge, directeur, T.A.U.M.
Traduction Automatique	FRANCE Université Scientifique et Médicale de Grenoble	Projet en voie d'exécution depuis 1966, visant la définition d'une structure normalisée pour la traduction automatique anglais-français; collaboration sur la standardisation des structures linguistiques utilisées. Richard I. Kittredge, directeur, T.A.U.M.
Urbanisme	FRANCE Université d'Aix-Marseille III	Entente formelle établie à la suite de contacts personnels. Echange annuel d'un professeur pour un trimestre et de deux étudiants pour toute l'année scolaire. Le projet s'insère dans le cadre de l'entente

		France-Québec. I. Gabbour, directeur, l'Institut d'Urbanisme.

MOUNT ALLISON UNIVERSITY

Biology	AUSTRALIA Monash University BRITAIN 1. Edinburgh University 2. Glasshouse Crops Research Institute 3. Scottish Universities Nuclear Reactor Centre	Agreement based on personal contact. Joint research to study the way in which photosynthate moves in plants under different physiological conditions. D.S. Fenson and R.G. Thompson, professor and assistant professor of biology, respectively.
German	FEDERAL REPUBLIC OF GERMANY Goethe Institut	In 1969 the German Department at Mount Allison University approached the Goethe Institut, mainly for undergraduate scholarships; the cooperation with the Institute has since widened into a more general exchange of ideas. The Goethe Institut in Munich provides scholarships to professors to take part in seminars in the German Institutes and also through the Montreal Institute offers scholarships for undergraduates. Two undergraduate students attended Institutes in Germany this past summer for language training. C. Ullmann, head, German Department.
Languages	FRANCE University Paul Valéry	An informal agreement to cooperate in the preparation of a publication of the correspondence of Théophile Gautier. Andrew Gann, lecturer, Department of Romance Languages.
Mathematics	FEDERAL REPUBLIC OF GERMANY	Informal agreement based on personal contact. To test

	Karlsruhe University	theoretical hypotheses concerning the sedimentation of slurries and to interpret experimental results. Elmer M. Tory, professor of mathematics.
Mathematics	JAPAN Hokkaido University	Joint research on random packing of spheres. Elmer M. Tory, professor of mathematics.
Mathematics	U.S.A. Southern Illinois University	An informal agreement to jointly research the oscillatory properties of differential equations having various forms. Kent E. Foster, assistant professor of mathematics.
Psychology	SWEDEN Karolinska Institutet	Informal agreement based on personal contact. Joint study of the effects of alcohol on young and adult animals of different species, particularly the experimental psychology and pharmacology of sub-humans. R.W. Lamble, assistant professor of psychology.
Psychology	SWEDEN University of Stockholm	Joint research based on personal contact, to determine the effects of alcohol in humans on behavioural and physiological variables, its effects as a stressor and its interaction with psychological stress. R.W. Lamble, assistant professor of psychology.

MOUNT SAINT VINCENT UNIVERSITY

French	FRANCE Université Besançon	A formal agreement established in 1971 to enable students majoring in French to do their junior year at a French university in a totally French envi-

		ronment. Catherine Rubinger, assistant professor, Department of Modern Languages.

UNIVERSITY OF NEW BRUNSWICK

Education	KENYA Kenya Technical Teachers College	A formal agreement according to which the University of New Brunswick will staff the Kenya Technical Teachers College initially with Canadians, while bringing Kenyan students to UNB and other Canadian institutions for degree programmes in teaching and administration. Upon completion of their studies, the Kenyans return to Nairobi to replace their Canadian counterparts. UNB's part in the project will extend three years with the option among all parties to renew for another period. The Canadian and Kenyan governments are joint sponsors, with CIDA paying 60% of the project's costs. Daryl R. Leblanc, associate professor, Faculty of Education.
Forestry	MALAYSIA Agricultural University of Malaysia	A formal agreement whereby Dr. J.W. Ker spent his 1973-74 sabbatical leave in Malaysia to assess the need for and desirability of further exploration of the nature of assistance Canada, through CIDA, could and should render to the University of Malaysia and its newly established Faculty of Forestry. This study led to the subsequent approval by CIDA of 7 man-years of professional forestry academic instruction in Malaysia while future Malaysian staff members were completing advanced degrees overseas. Funded by CIDA. J.W. Ker, dean, Faculty

		of Forestry.
History	BRITAIN University of London U.S.A. City University of New York	An informal agreement established in 1969 to collect and publish a complete bibliography of all material relative to the Loyalists of the American Revolution, and to microfilm the primary sources. A selection of the source material may be published. Funded by the Canada Council and the University of New Brunswick. Wallace Brown, professor of history.

NOVA SCOTIA COLLEGE OF ART AND DESIGN

Fine Art and Graphic Design	U.S.A. Cooper Union for the Advancement of Science and Art	An informal agreement whereby each semester one or two students from each institution are permitted to attend the other institution, for full credit at the home institution. Pat Snow, director of Off campus services.

NOVA SCOTIA TECHNICAL COLLEGE

Institutional	BARBADOS JAMAICA ST. LUCIA ST. VINCENT	The Nova Scotia Technical College has informal agreements with CIDA and CUSO for its involvement in short-term assignments in the Eastern Carribean. For further information, contact Nelson Ferguson, assistant dean of students.

ONTARIO INSTITUTE FOR STUDIES IN EDUCATION

Education (educational planning)	CHILE Catholic University	An informal agreement to (1) conduct a longitudinal study of patterns of achievement and survival, and labor market entry, of Chilean school children;

		(2) provide training, through work on the project, to the Chilean research team. Dr. Farrell visits the Chilean team as required, approximately once a year for 10 days to 2 weeks. Joseph P. Farrell, chairman, Department of Educational Planning.
Education (international education)	GUYANA Carribbean Community Secretariat (Caricom)	A formal agreement established at the request of Caricom. To set up programmes of leadership development for Carribbean educational leaders, and potential leaders, through cooperative planning. Funds provided by CIDA. K.F. Prueter, head, International Education.
Education (international education)	GUYANA Carribbean Community Secretariat KENYA Association for Teacher Education in Africa	An informal information exchange programme to make available Canadian educational literature on a search by request basis and to receive educational literature and information for Canadian use from developing countries. Funds are provided by CIDA, IDRC and OISE. K.F. Prueter, head, International Education.
Education (international education)	KENYA Association for Teacher Education in Africa (ATEA)	A formal agreement established following a meeting with the ATEA at a convention in Nairobi, at the request of CIDA. To set up a programme of leadership development for teacher education at the graduate level, as well as at the informal level, to be planned and provided by Africans, using African professors supplemented by various types of Canadian assistance. The University of Western Ontario is also party to this agreement. Funds provided by CIDA. K.F. Prueter, head, International Education.

Education (measurement and evaluation)	BARBADOS University of the West Indies GUYANA University of Guyana	An informal agreement to develop a model for constructing a syllabus in educational measurement based on a task-oriented approach to teacher education and curriculum development in Guyana. Vincent D'Oyley, professor, Department of Measurement and Evaluation.

UNIVERSITE D'OTTAWA/UNIVERSITY OF OTTAWA

(L'Institut de Coopération internationale de l'Université d'Ottawa a publié en mars 1976 un rapport intitulé "Les ressources humaines et les programmes de l'Université d'Ottawa dans le domaine du développement international; 1974-75". Pour obtenir des renseignements sur l'engagement de l'Université d'Ottawa dans ce domaine, veuillez vous adressez à Hélène Boyer de l'Institut de Coopération internationale.)

UNIVERSITE DU QUEBEC

Audiovisuel	FRANCE Université de Paris-Nord	Entente officielle établie en 1975 qui s'insère dans les programmes intégrés du ministère des Affaires intergouvernementales. Intitulé "Echange de stagiaires entre le département audiovisuel de l'Université de Paris-Nord et le service audiovisuel de la vice-présidence aux communications de l'Université du Québec", ce programme vise des échanges techniques et intellectuels pour une formation au niveau des profils des professionnels définis dans les filières de l'Université. Vice-président à l'enseignement et à la recherche.
Institutionnel	BELGIQUE Université de Louvain	Entente officielle qui cherche à analyser les différents types d'activités nécessaires à la fonction "recherche" de l'Université, à définir les critères

		d'évaluation de leur rendement, ainsi que les méthodes d'application de ces critères, et à suggérer les moyens d'améliorer ou de réorienter ces activités en fonction de leurs objectifs propres. Vice-président à l'enseignement et à la recherche. Le programme s'insère dans les programmes de la sous-commission belgo-québecoise et a débuté en 1976.
Télé-Université	FRANCE Institut de recherche sur l'enseignement des mathématiques (IREM)	Le programme intitulé "Participation bilatérale au perfectionnement des maîtres en mathématiques" vise à: 1. établir des modalités d'échanges scientifiques entre l'IREM, d'une part et PERMANA (perfectionnement des maîtres en mathématiques), d'autre part; 2. établir un moyen de diffusion des méthodes de travail entre l'IREM et PERMANA par l'échange de professeurs-concepteurs; 3. permettre des stages de perfectionnement d'étudiants français au Québec, et vice versa. Subventionné par le ministère des Affaires intergouvernementales du Québec. Réginald Grégoire, coordonnateur de la recherche du développement et de la planification.
Télé-Université	FRANCE Conservatoire national des arts et métiers	Entente officielle dont le but est d'échanger de l'expertise dans le domaine de l'analyse des systèmes informatiques de contrôle des connaissances. Le programme a débuté en 1975 et s'insère dans les projets intégrés du ministre des Affaires intergouvernementales. Réginald Grégoire, coordonnateur de la recherche du développement et de la planification.

i) ECOLE NATIONALE D'ADMINISTRATION PUBLIQUE

Ecole Nationale d'Administration Publique	BELGIQUE Université d'Etat de Mons	Entente officielle qui vise à développer certains projets de recherche en administration publique. Introduit à l'intérieur des programmes de la sous-commission belgo-québécoise. Jocelyn Gagnon, Ecole Nationale d'Administration Publique.
Ecole Nationale d'Administration Publique	BELGIQUE Gouvernement belge FRANCE 1. Ecole Nationale d'Administration 2. Institut International de Bordeaux GRANDE-BRETAGNE British Council	Entente officielle dont le but est d'organiser des stages de formations d'étudiants en administration publique. L'objectif de ces stages est de permettre à l'étudiant d'établir des comparaisons entre les institutions québécoises et étrangères. Ecole Nationale d'Administration Publique.

ii) INSTITUT NATIONAL DE RECHERCHE SCIENTIFIQUE

Institut National de Recherche Scientifique - Eau	FRANCE Ecole supérieure des mines de Paris	Le but de cette entente officielle est de faire le point sur les méthodes dont l'utilisation est commune; échanger l'information concernant les méthodes développées dans les champs d'expertise propres des participants et susceptibles d'emploi plus général; déterminer et appliquer conjointement l'ensemble de méthodes nécessaires à la rationalisation des réseaux; explorer conjointement l'application de méthodes statistiques permettant le traitement et l'analyse des données de qualité des eaux. Le programme a débuté le 1er juin 1975 et s'insère dans les programmes intégrés du ministère des Affaires intergouvernementales.

ii) INSTITUT NATIONAL DE RECHERCHE SCIENTIFIQUE

Institut National de la Recherche Scientifique - Education	FRANCE Fédération internationale du mouvement d'école moderne	Entente officielle établie en 1975 qui permet à une équipe de INRS - Education de prendre connaissance, sur le terrain, des écoles Freinet de pointe et à une équipe Freinet de se familiariser avec l'école expérimentale SAGE à Ste. Foy. Le programme a été introduit à l'intérieur des programmes intégrés du ministère des Affaires intergouvernementales.
Institut National de la Recherche Scientifique - Education	ARGENTINE Consejo Nacional de Investigaciones Cientificas y Technicas (Comicet)	Une entente officielle établie en 1975 dont le but est d'accroître les liens et la coopération entre les deux parties et contribuer au développement de projets conjoints de recherche scientifique et technique dans divers domaines, dont prioritairement les sciences de l'éducation. Directeur scientifique - Education.
Institut National de la Recherche Scientifique - Urbanisation	FRANCE 1. Université de Besançon 2. Institut géographique de Strasbourg	Entente officielle en vue d'organiser de façon systématique des échanges d'enseignants et d'étudiants des 2e et 3e cycles. Le programme a débuté en 1973 et s'insère dans les programmes intégrés du ministère des Affaires intergouvernementales.

iii) UNIVERSITE DU QUEBEC A CHICOUTIMI

Sciences appliquées	FRANCE Ecole nationale de géologie appliquée et de prospection minière de Nancy	Entente officielle basée d'une part sur l'échange de deux étudiants de classe terminale qui obtiennent ainsi des diplômes doubles et d'autre part sur des travaux de recherche conjoints où des chercheurs de Chicoutimi et des chercheurs de l'Ecole de Nancy et du Centre de Recher-

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		che Pétrographique et Géochimique de Nancy oeuvrent sur des problèmes spécifiques reliés à la minéralisation des gîtes métallifères de la région de Chibougamau. Le programme a débuté en 1974 et s'insère dans les projets intégrés du ministère des Affaires intergouvernementales. J.M. Denommé, vice-recteur à l'enseignement et à la recherche, UQAC.
Sciences appliquées	FRANCE 1. Ecole nationale supérieure des Mines de Paris 2. Ecole nationale supérieure de Métallurgie et de l'Industrie des Mines de Paris	Entente officielle qui vise le perfectionnement de professeurs, la familiarisation avec des programmes semblables à celui de génie unifié, l'échange avec des chercheurs français en vue d'une collaboration éventuelle et la venue de professeurs français qui oeuvrent dans des programmes similaires. Le programme a débuté en mai 1973 et s'insère dans les projets intégrés du ministère des Affaires intergouvernementales. J.M. Denommé, vice-recteur à l'enseignement et à la recherche, UQAC.
Sciences pures	FRANCE Université de Lyon	Entente officielle qui cherche à développer la recherche dans le secteur de la productivité biologique et de l'étude des mécanismes de productivité. Le programme a débuté en mai 1973 et s'insère dans les projets intégrés du ministère des Affaires intergouvernementales. J.M. Denommé, vice-recteur à l'enseignement et à la recherche, UQAC.
Sciences Pures	FRANCE Laboratoire des Ultra-réfractaires	Entente officielle qui vise la recherche sur l'utilisation des plasmas thermiques en métallurgie extractive. Le programme a débuté en 1975 et s'insère dans les projets

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		intégrés du ministère des Affaires intergouvernementales. J.M. Denommé, vice-recteur à l'enseignement et à la recherche, UQAC.

iv) UNIVERSITE DU QUEBEC A MONTREAL

Administration	FRANCE Université des Sciences Sociales	Les buts de cette entente officielle sont de 1) mieux comprendre le jeu des influences personnelles, situationnelles et organisationnelles sur la décision individuelle de participer plus ou moins intensément à la vie d'une institution, 2) saisir cette dynamique de participation pour le cas particulier des universités, 3) comparer le calcul de participation de Québécois, d'Américains et de Français et en identifier les différences significatives. Le programme a débuté en 1975 et est subventionné par le ministère des Affaires intergouvernementales. Denis Bertrand, doyen adjoint des études avancées et de la recherche, UQAM.
Education	MALI Gouvernement de Mali	L'objectif de cette entente officielle est d'étendre l'action d'alphabétisation dans une région cotonnière. L'UQAM doit nommer un coordonnateur et dégager un professeur à mi-temps pour participer à la sélection et à la formation de 5 conseillers techniques canadiens engagés par l'ACDI, envoyer un spécialiste chargé de préparer l'évaluation du projet et concevoir, administrer et évaluer un test de connaissances et d'habiletés acquises devant servir à établir le niveau de départ de la population cible. Subventionnée par l'ACDI. Denis Bertrand, doyen adjoint des études

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		avancées et de la recherche, UQAM.
Lettres	FRANCE Université d'Aix-en-Provence	L'objectif de cette entente officielle est d'élaborer un lexique bilingue et informatisé de la sémiologie. Le programme a débuté cette année et s'insère dans les projets intégrés du ministère des Affaires intergouvernementales. J. Brunet, doyen des études avancées et de la recherche, UQAM.
Linguistique	FRANCE Université d'Aix-en-Provence	L'objectif de cette entente officielle est de comparer la situation linguistique dans les deux pays, surtout à partir d'études morpho-phonologiques et syntaxiques de la langue orale. Le programme a débuté en 1975 et s'insère dans les projets intégrés du ministère des Affaires intergouvernementales. Denis Bertrand, doyen adjoint des études avancées et de la recherche, UQAM.
Linguistique	FRANCE Université de Paris VII	Le programme vise l'étude des attitudes des Francophones du Québec et de France vis-à-vis le français et l'anglais. Le programme a débuté en 1975 et est subventionné par le ministère des Affaires intergouvernementales. Denis Bertrand, doyen adjoint des études avancées et de la recherche, UQAM.
Linguistique	FRANCE Université de Paris VII	L'objectif de cette entente officielle est de mettre en commun les ressources et vise 1) les descriptions formalisées des constructions du français qui contiennent des verbes

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		opérateurs 2) l'élaboration de notions linguistiques vulgarisées parmi les plus importantes, comme les notions de syntaxe, de grammaire, etc. 3) les expériences d'enseignement et d'animation auprès d'enseignants qui complètent leur formation universitaire. Le programme a débuté en mai 1976 et s'insère dans les projets intégrés du ministère des Affaires intergouvernementales. Denis Bertrand, doyen adjoint des études avancées et de la recherche, UQAM.
Linguistique	FRANCE Université de Paris VII	Cette entente officielle vise la réalisation de certaines activités d'enseignement et de recherche dans le domaine de l'étude des tests de langue, de l'évaluation des méthodes d'enseignement et de l'étude des méthodes de recyclage des professeurs de langue seconde. Le programme a débuté en 1973 et s'insère dans les programmes intégrés du ministère des Affaires intergouvernementales. Denis Bertrand, doyen adjoint des études avancées et de la recherche, UQAM.
Physique	FRANCE Université de Clermont	Entente officielle qui vise l'étude de l'instrumentation et des prises de données (ballons sondes, tour de météorologie, radar, lasers, etc.), leur fonctionnement, précision, fiabilité, le traitement des données, les échanges quant aux concepts théoriques des problèmes en Sciences de l'Atmosphère. Le programme a débuté en 1975 et s'insère dans les projets intégrés du ministère des Affaires intergouvernementales. Jean

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		Brunet, doyen des études avancées et de la recherche, UQAM.
Sciences économiques	MAROC Institut national de statistiques et d'économique appliquée	L'objectif de cette entente officielle est de fournir des services pédagogiques et techniques et de participer à la formation d'ingénieurs, de statisticiens et d'économistes. Subventionnée par l'ACDI. Jean Brunet, doyen des études avancées et de la recherche, UQAM.
Sciences politiques	FRANCE 1. Université de Grenoble 2. Université de Bordeaux	Les objectifs de cette entente officielle, définis en 1973, ont été précisés en cours d'année. Les porte-paroles des institutions participantes, auxquelles il faut ajouter l'Université Laval et l'Université de Montréal, souhaitent: (1) l'élaboration de projets particuliers de recherche ayant une portée comparative et réalisation en collaboration, (2) la participation de professeurs et de chercheurs des autres institutions participantes aux enseignements et recherches de chacune, (3) l'échange d'étudiants avancés au cours de leur formation. Le programme s'insère dans les projets intégrés du ministère des Affaires intergouvernementales. Denis Bertrand, doyen adjoint des études avancées et de la recherche, UQAM.
Virologie	FRANCE Institut Pasteur	Entente qui a pour but d'intensifier la collaboration scientifique entre les deux institutions soit par le jumelage de certains projets de recherche, soit par le prêt de personnel scientifique ou technique. Les deux parties s'engagent à faire des

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		échanges au niveau des professeurs, des étudiants et des stagiaires de recherche. Le programme fait suite à des échanges fréquents entre les deux établissements et a été ratifié formellement en 1976. Subventionnée par le ministère des Affaires intergouvernementales du Québec. Vytautas Pavilanis, directeur scientifique, Centre de recherche en virologie, UQAM.

v) UNIVERSITE DU QUEBEC A RIMOUSKI

Océanographie	FRANCE 1. Université de Paris VII 2. Université de Marseille	Entente officielle qui vise à intensifier les échanges entre les chercheurs dans le domaine de l'océanographie. Le programme a débuté en juin 1976 et s'insère dans les projets intégrés du ministère des Affaires intergouvernementales. Gabriel Bérubé, vice-recteur à l'enseignement et à la recherche, UQAR.

vi) UNIVERSITE DU QUEBEC A TROIS-RIVIERES

Biologie	FRANCE 1. Université Scientifique et Médicale de Grenoble 2. Université de Rouen 3. Centre universitaire de Savoie	Le titre du projet est "Ecologie et Biologie des moustiques du Québec". Le programme vise la formation de spécialistes au plus haut niveau (maîtrise de recherche et doctorat) dans une discipline non encore développée au Québec. Collaboration étroite nécessaire avec les laboratoires français techniquement équipés dans des domaines indispensables à l'élaboration de certains aspects des études; échanges de spécialistes pour la recherche et l'enseignement en écologie appliquée (2e cycle). Le pro-

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		gramme a débuté en mai 1973 et s'insère dans les projets intégrés du ministère des Affaires intergouvernementales. Jean Lacoursière, adjoint administratif au Directeur du développement pédagogique, UQATR.
Physique	FRANCE Centre d'études nucléaires de Cadarache	L'objectif spécifique du groupe de recherche Thermopol est l'édiction des normes de protection et d'utilisation indispensables pour la préservation de la qualité des eaux du secteur des installations nucléaires de Gentilly. Le programme s'inscrit dans le cadre d'une entente formelle entre les deux établissements. Jean Lacoursière, adjoint administratif au Directeur du développement pédagogique, UQATR.
Sciences de la santé	BELGIQUE Université de Liège	Le programme a débuté en 1976 et s'inscrit dans le cadre d'une entente officielle entre les deux établissements. Son but est de reproduire l'unité photosynthétique in vitro. Jean Lacoursière, adjoint administratif au directeur du service de développement pédagogique.

QUEEN'S UNIVERSITY AT KINGSTON

Chemistry	BRAZIL Universidade Federal do Paraná FRANCE Centre National de la Recherche Scientifique POLAND Polish Academy of Sciences	An informal agreement whereby graduate students and postdoctoral fellows conduct joint research in carbohydrate chemistry. Visits by Queen's professors to Brazil, France and Poland at least once every two years; visits to Queen's by French and Polish colleagues. Funds provided by NRC. W.A.

		Szarek, associate professor of chemistry.
Chemistry	BELGIUM State University of Ghent	Informal agreement developped out of common research interests. Joint research programme to extend the Molecular Scattered-Wave Method and to develop it for investigation of Compton profiles and other properties. Funded by the Scientific Affairs Division of NATO. V.H. Smith, professor of chemistry.
Engineering	U.S.A. Carnegie-Mellon University	Informal agreement whereby researchers study areas of mutual interest. Cooperation on arctic and passenger rail studies. Funded by Transport Canada. C.E. Law, professor of computer and information science.
French	BELGIUM Institut Supérieur de l'Etat de Traducteurs et Interprètes	A formal agreement established in 1974 whereby students at Queen's, registered in the B.A. (Honours) Special Field Concentration in French Language, Translation and French Canadian Studies, spend their third year at the Institute. Seven or eight students are expected to attend the Institute during the 1976-77 academic year. F.V. Tonge, associate professor, Department of French.
Geography	U.S.A. University of Pennsylvania	Joint research on the role of micro-level data systems in the analysis of residential change in cities. Visits are exchanged annually. E.G. Moore, professor of geography.
Medicine	SANTO DOMINGO DOMINICAN REPUBLIC	A formal agreement whose goal is the improvement of health-

	Universidad Nacional Pedro Henriquez Urena (UNPHU)	care delivery to underpriviliged families throughout the Dominican Republic, including those residing in rural areas. It is expected that this goal will be attained in the following manner: 1. the creation of a nucleus of medical and allied health personnel trained to utilize modern methodology in the implementation of a health care delivery system; 2. the establishment of physical facilities and an operational programme that will permit the further development and expansion of the programme on a self-supporting basis; 3. the extension of this initial programme to other institutions in the Dominican Republic. Several members of the senior academic staff at Queen's have travelled to the Dominican Republic to advise and consult at all stages of the development of the Biomedical Institute and 1-2 staff members from UNPHU visit Queen's annually. Project is financed by private Canadian funds to Queen's, UNPHU and the Dominican Government. Sergio A. Bencosme, professor of pathology.
Psychology	BRITAIN 1. University of Strathclyde 2. Aberdeen University FRANCE Université de Paris HOLLAND University of Tilburg U.S.A. 1. Princeton University 2. Stanford University	Joint study of the genetic, cultural and psychological differences between the Pygmy and Bantu populations in the République Centrafricaine. Research meetings on this project are held twice yearly, usually in Holland. J.W. Berry, associate professor of psychology.

Psychology	U.S.A. University of Connecticut	An informal agreement to study the psychological and cultural impact of technological change on the Cree peoples of the James Bay region. Research meetings are held monthly. Funded by the Canada Council, the University of Connecticut and the Laidlaw Foundation. J. W. Berry, associate professor of psychology.
Theology	JAMAICA University of the West Indies	A formal agreement whereby one student from each institution is exchanged yearly. B.R. Bater, principal, Queen's Theological College.
Urban and regional planning	GHANA University of Science and Technology	An informal agreement whereby Dr. M.A. Qadeer visits the University of Science and Technology to serve as an external examiner and to offer advice on the curriculum in regional planning. Funds provided by the University of Science and Technology. M.A. Qadeer, associate professor, School of Urban and Regional Planning.

UNIVERSITY OF REGINA

French	FRANCE Université St. Etienne	A formal agreement established in 1970 whereby Canadian undergraduate students work in France in a French lycée and French students in the language laboratory at the University of Regina. B. Wilhelm, director, Bilingual Programme.

Institutional	AUSTRALIA Royal Military College	Exchanges of civilian staff on a yearly basis. J.R. Dacey, principal.
Institutional	BRITAIN The Royal Military College of Science	Annual exchanges of one civilian professor (usually in engineering). J.R. Dacey, principal.
Psychology	U.S.A. U.S. Airforce Academy	Occasional exchanges of military academic staff. J.R. Dacey, principal.

RYERSON POLYTECHNICAL INSTITUTE

Engineering	COSTA RICA Instituto Tecnologico de Costa Rica (ITCR)	Informal agreement to provide assistance to ITCR in curriculum development; training of ITCR faculty in Ryerson's teaching methods. Three visiting professors from ITCR spent one calendar year at Ryerson on a program of familiarization and training. George Korey, executive vice-president and dean of External Programs.

ST. FRANCIS XAVIER UNIVERSITY

Physics	BRITAIN University of London	Joint research project - calculation of Series Expansion and Lattice Statistics models. Dr. Donald Betts of the University of Alberta also collaborates in this project. Funded by N.A.T.O. D.L. Hunter, associate professor of physics.
Physics	FEDERAL REPUBLIC OF GERMANY Max-Planck Institut für Festkörperforschung	An informal agreement to cooperate in a research program which involves theoretical studies of magnetic solids. Visits are exchanged on a regular basis.

		Funded by NRC and Max-Planck Gesellschaft. D.A. Pink, professor of physics.
Physics	NETHERLANDS University of Amsterdam	Joint study of the spectra. Funded by NRC and Zeeman Laboratory. Y.N. Joshi, associate professor of physics.
Physics	U.S.A. Argonne National Laboratory	The main objective of this joint programme is to increase the level of understanding of the nature of the low level phase transitions that occur in alpha-uranium and other actinides. Funded by NRC (Canada). Michael Steinitz, assistant professor of physics.

SAINT MARY'S UNIVERSITY

Astronomy	FEDERAL REPUBLIC OF GERMANY Hahn-Meitmer Institute fur Kernforschung	Formal agreement established in 1971. Joint research to study the formation of molecules in interstellar space. Three papers have been written. A professor of the Institute spends three months each year at Saint Mary's University. Funded by the National Research Council. G. Mitchell, associate professor of astronomy.
Psychology	BRITAIN Bristol University	Collaboration in research and publication. J.K. Chadwick-Jones, professor of psychology.
Psychology	BRITAIN Lancaster University	Collaboration in research and publication of book "Social Psychology of Absenteeism". J.C. Chadwick-Jones, professor of psychology.

Psychology	BRITAIN Sheffield University	Collaboration in research and publication. J.K. Chadwick-Jones, professor of psychology.

UNIVERSITY OF SASKATCHEWAN

Animal Science	UGANDA Makerere University	The Animal Science Department signed a contract with CIDA in 1970 to upgrade the Animal Science Department of Makerere University. Three professors were seconded to Makerere and five Ugandan graduate students are studying in Canada. The programme was to be extended for ten years, but personnel were removed from Uganda in 1973 because of political unrest. Graduate students are still being trained in Canada under the programme. Funded by CIDA. J.A. Brown, dean of agriculture.
Crop Science	INDIA International Crop Research Institute for the Semi-Arid Tropics	A formal agreement, established through IDRC, to determine the relationship between drought stress resistance in sorghum and hormones in sorghum with a view to developing better selecting techniques for drought resistance in the species. Four scientists from the University of Saskatchewan will visit the Institute and several scientists from India will visit the Saskatoon campus. Funded by IDRC. G.M. Simpson, professor of crop science.
Education	U.S.A. Trenton State University	An informal agreement to exchange one or two education students every year. Funds provided by the Saskatchewan Teacher's Federation. James E. Beamer, chairman, College of Education.

Engineering	CUBA University of Havana	A formal agreement to provide advanced training in selected agricultural engineering subjects to junior members of staff of the Agricultural Engineering Department at the University of Havana and to provide assistance towards the development and improvement of agricultural mechanization in Cuba. Funded by CIDA. D. M. Gray, assistant dean (research).
Engineering (mechanical)	U.S.A. University of South Florida	Joint investigation of the effect of certain combustion gazes, in particular carbon monoxide and the oxides of nitrogen, on the longevity and genetics of airborne micro-organisms. Visits take place annually. Funds provided by Health and Welfare Canada. M.E. Stoneham, associate professor of mechanical engineering.
English	BRITAIN Commonwealth Foundation INDIA Association of Commonwealth Language and Literary Studies	A formal agreement to encourage the study of Commonwealth literature in Canada and the study of Canadian literature abroad. Funded by the Commonwealth Foundation, the Department of External Affairs, the Canadian Association for Commonwealth Language and Literary Studies and the University of Saskatchewan. R.T. Robertson, associate professor of english.
Extension Division	GRENADA Department of Agriculture - 4H Division	A formal agreement established in 1974 following a visit by 4H staff members of the University of Saskatchewan to Grenada, sponsored by the Commonwealth Exchange Foundation. The purposes of this programme are to: 1) provide an interchange of 4H

		information about programmes, leadership training, community development and family relationships; 2) provide Saskatchewan 4H people with the opportunity to learn about a developing country; 3) provide Grenada with a consultative service. Funded by CIDA and the University of Saskatchewan. Glen Hass, 4H supervisor.
French	FRANCE French Government	A formal agreement which provides for the exchange of one graduate student from each country every year. R.S. Ridgway, head, Department of French.
Germanic Studies	FEDERAL REPUBLIC OF GERMANY Deutscher Akademischer Austauschdienst	A formal agreement to allow for the yearly exchange of graduate students from the University of Saskatchewan and German universities. K.J. McCallum, dean of graduate studies.
Languages	BRITAIN University College, Cardiff POLAND Warsaw University	An informal agreement to develop a multilingual reading comprehension test (English, French, Czech, German and Polish). John McLeod, director, Institute of Child Guidance and Development.
Pharmacy	GUYANA University of Guyana	Dr. K.W. Hindmarsh is the External Examiner for three pharmacognosy courses at the University of Guyana. K.W. Hindmarsh, associate professor of pharmacy.
Plant Ecology	FRANCE Centre d'études phytosociologiques et écologiques	Joint analysis of micrometeorological data collected under the International Biological Programme at the Matador Project Site in southwestern Saskatchewan during the period 1970-72. E.A. Ripley, associate professor of plant ecology.

Chemistry	BRITAIN University of London	Informal agreement developed in 1972 as a result of common interests, the objective being co-operation in the research of the ionization potentials of sulfur containing molecules, computer programme development SCFMO methods and configuration and many body perturbation theory. Some staff visits; graduate students spend some time in London during summer. I.G. Csizmadia, professor of Chemistry.
Chemistry	FRANCE Centre de Mécanique Ondulatoire Appliquée	Informal agreement established in 1974 as a result of personal contact. Joint research project in the localized descriptions of molecular electronic structure. Occasional staff visits; number of graduate students spend their summer months at the Centre in Paris. I.G. Csizmadia, professor of Chemistry.
Chemistry	HUNGARY Technical University, Budapest	Established on a personal basis. Participants co-operate in the research of properties of localized molecules. Prof. Csizmadia visits Budapest approximately twice a year. I.G. Csizmadia, professor of Chemistry.
Chemistry	ITALY University di Bologna	Research project established on an informal basis in 1973 on the electronic structure of $C_2H_2S^+$ and on the estimation of correlation energies of electron pairs from energy size relationships. Visits are exchanged annually. A graduate student and/or a post doctoral fellow has visited Bologna for the past two summers. I.G. Csizmadia, professor of Chemistry.

Chemistry	ITALY University di Padova	Programme initiated in 1971 due to mutual interest and availability of computer time in Padova. Project consists of an ab initio molecular orbital study on the reaction intermediates of the electrophilic addition to triple bonds. I.G. Csizmadia, professor of chemistry.
Chemistry	U.S.A. University of Texas	Informal agreement reached in 1971 to conduct a theoretical study on the stereochemistry and reactions on $H_2N\text{-}PH_2$. I. G. Csizmadia, professor of chemistry.
Chemistry	U.S.A. Dow Corning Corporation	A formal agreement established in the early 1960's whereby Dow Corning funds a post-doctoral fellowship in organosilicon chemistry at the University of Toronto. A.G. Brook, professor of chemistry.
Chemistry	WEST GERMANY University of Freiburg	Formal agreement established through contacts at a conference in 1974 to pursue complementary research into the behavior of metal-metal bonded transition metal carbonyls (structural studies in Germany, mechanistic studies in Canada). Each year one or two visits are exchanged by staff totalling 6-8 weeks and by graduate students for 3-4 weeks. Funded by NATO. A.J. Poë, professor of chemistry.
Computer Science	BRAZIL 1. Catholic University of Rio de Janiero (PUC) 2. Federal University of Salvado 3. Federal University	CIDA contract with the University of Toronto and the University of Waterloo to supply professional and related support services required to assist PUC and other universities in the northeast of Brazil to provide an adequate

	of Paraiba 4. Federal University of Pernambuco	number of well-trained personnel to meet needs of Brazil in computing science research, instruction and application. Canadian faculty make 2 week-6 month visits to Brazil annually while Brazilian staff receive leave of absence to study in Canada. Funded by CIDA. A. Furtado, Department of Computer Science.
Engineering	AUSTRIA International Atomic Energy Agency (IAEA) (U.N. Agency)	Invited by IAEA to act as advisor on several international research programmes, to participate in comparative trace analyses of materials circulated by IAEA and to assist in the recruitment of Canadians for overseas postings as visiting experts in the Technical Cooperation programme of IAEA. Research on related aspects of nuclear application programmes is being conducted in University of Toronto laboratories in cooperation with IAEA. Funded by IAEA, NRC and the Department of Health and Welfare. R.E. Jervis, professor of Chemical Engineering.
Engineering (chemical)	BRITAIN Imperial College	Agreement based on personal contact. Participants cooperate in fluid mechanics research. A number of visits as well as publications, calculation techniques and personal advice are exchanged. O Trass, professor of Chemical Engineering.
Engineering (chemical)	FRANCE Institut de Recherches sur la Catalyse	Informal agreement which grew from shared research interests. Purpose of this programme is to conduct research in catalytic systems. W.F. Graydon, professor of Chemical Engineering.

Engineering (electrical)	CUBA University of Havana	At the request of Cuba, CIDA agreed to sponsor the project established following a personal visit to Cuba in 1970. The objective is to develop a self-sufficient engineering programme at the master's level at the University of Havana. Approximately fifteen 3-week visits annually by Canadian professors. Eight to ten Cuban students visit Canada annually for graduate thesis orientation. Funded by CIDA. G.R. Slemon, chairman of the Department of Electrical Engineering.
Engineering (industrial)	BRITAIN University of Stirling U.S.A. University of New Hampshire	A formal agreement which developed following personal conversations three years ago. Joint research pertaining to the mathematical modelling of the tasks of the air traffic controller. John W. Senders, professor of industrial engineering.
Engineering (industrial)	SWEDEN University of Stockholm	Formal agreement to collaborate in research on "infological" aspects of information systems. Dr. Turksen will be visiting the University of Stockholm from January-June 1977. Working papers are exchanged. Funded by the two participating institutions and NRC. I.B. Turksen, professor of industrial engineering.
Engineering (industrial)	U.S.A. State University of New York	Established on a personal basis, programme consists of a mathematical analysis of physiological response mechanisms. J.W. Senders, professor of Industrial Engineering.
Engineering (mechanical)	FRANCE Université d'Aix-Marseille	Agreement based on personal contact established following Prof.

		Keffer's sabbatical year at the Université d'Aix-Marseille in 1973. Programme of fundamental research on the dispersion of contaminants in different types of turbulent flow. Funded by NATO, NRC and the Institut de Mécanique Statistique de la Turbulence de l'Université d'Aix-Marseille. J.F. Keffer, professor of Mechanical Engineering.
English	BRITAIN University of Reading IRELAND University College, Galway U.S.A. 1. Florida State University 2. Union College, N.Y. 3. University of Massachussetts	Informal agreement also involving individuals at the University of Victoria (B.C.) and York University and persons associated with various publishers in Canada, England and Ireland. This research and publication project, the Yeats Studies Series, is devoted to the critical assessment of the unpublished works of W.B. Yeats and the Yeats family. Participants will visit Toronto from time to time. In addition to 2 already published volumes, 82 further volumes and a Yeats Newsletter are expected to be published. Funding by the Canada Council. R. O'Driscoll, professor of English.
English	BRITAIN University of Oxford U.S.A. University of Wisconsin	Informal agreement which also includes Université de Montréal. Object is to assemble materials and edit a dictionnary of old English covering all texts and documents before 1200 A.D. Project to be completed in 1985-86 with the publication of the dictionnary. Two visits of the participants take place annually and a conference is held every 3-4 years. Funding by the Canada Council, the Macdonald Stewart Foundation and the University of Wisconsin. A. Cameron, associate professor of English.

Environmental Studies (Institute for)	BRITAIN Chelsea College U.S.A. Clark University	Informal agreement to carry out comparative international research on the assessment of risks in nuclear energy programmes. Regular international meetings have been held to discuss progress and future research in London, Toronto and Worcester, Massachussetts. Funded by the Ford Foundation and the Atomic Energy Control Board (Canada). I. Burton, professor of Geography.
Environmental Studies (Institute for)	FRANCE Special Committee on Problems of the Environment of the International Council of Scientific Unions (ICSU/SCOPE) - an international, non-governmental agency U.S.A. Clark University	Formal agreement part of the SCOPE mid-term programme 1973-76. Collaborative activities that form part of SCOPE Project 7, "The Communication of Environmental Information and Societal Assessment and Response". Funded by the United Nations Environmental Programme, the Electric Power Research Institute and the participating institutions. I. Burton, professor of Geography.
Environmental Studies (Institute for)	FRANCE UNESCO	Formal agreement established as a result of the Expert Group Meeting on Environmental Perception in March, 1973. Objective is to support project 13 component "Perception of Environmental Quality" of the UNESCO Man and the Biosphere (MAB) programme, and specifically to develop guidelines for studies in environmental perception. Funded by UNESCO and IDRC. I. Burton, professor of Geography.
Environmental Studies (Institute for)	U.S.A. 1. University of Wisconsin 2. University of Minnesota	Formal agreement to conduct research on the management of the Great Lakes, particularly water level management. Regular meet-

	3. University of Michigan	ings are held and papers are exchanged. Funded by the Rockefeller Foundation. A.P. Grima, associate professor of Geography at Erindale College.
Forestry and Landscape Architecture	BRAZIL University of Vicosa	Negotiations are proceeding through CIDA to establish a graduate programme to the PhD level at the University of Vicosa. V.J. Nordin, dean of the Faculty of Forestry and Landscape Architecture.
Forestry and Landscape Architecture	PERU Government of Peru	Formal programme being developed through CIDA to provide graduate training at the master's level for Peruvian professional foresters employed by the government of Peru, universities and other agencies. V.J. Nordin, dean of the Faculty of Forestry and Landscape Architecture.
French	FRANCE Université de Paris VIII	Established after a teaching visit of Henri Mitterand to the University of Toronto in 1970, the Zola Research Program, comprised of many volunteers, is working to create a permanent documentation centre on Zola and naturalism at the University of Toronto and to prepare an edition of Zola's correspondence in about 10 volumes. A definitive biography of Zola is also planned. The Program is expected to last approximately fifteen years. Funded by the Canada Council, the University of Toronto and the Conseil National de Recherche Scientifique, France. B.H. Bakker, professor of French.
History	BRITAIN 1. University of Edinburgh	An informal agreement based on personal contact to co-ordinate exchange of faculty and students,

	2. University of Glasgow U.S.A. Old Dominion University, Va.	guest lecturers and publications in the field of Scottish studies. Annual Canadian and U.S. conferences. J. Moir, professor of History.
Institutional	U.S.A. American Research Institute in Turkey (A.R.I.T.)	In 1966 the University of Toronto became a member of A.R.I.T. which was founded in 1964 by a dozen North American research institutions and universities to promote research on Turkey in ancient, medieval and modern times in all fields of the social sciences and humanities and to aid research scholars working in Turkey. Graduate students and faculty members spend up to a year at the A.R.I.T. locations in Turkey while Turkish A.R.I.T. Fellows visit North American institutions. E. Birnbaum, professor of Middle East and Islamic Studies.
Institutional	U.S.A. American Research Centre in Cairo	The University of Toronto is an institutional member of the Centre whose aims are to facilitate research by staff and students of member institutions by the provision of fellowships, library facilities in Cairo and liaison. Annual conferences are held and a newsletter is published 5-6 times a year. Research funds in part from the Canada Council. R.J. Williams, professor of Middle East and Islamic Studies.
Italian Studies	ITALY University of Siena	A formal agreement established in 1973 whereby regular University of Toronto courses are offered at Siena in a 6-week summer session. Some courses are taught by the two University of Toronto faculty members who go to Siena each year and the

		others by two Italian professors nominated by the University of Siena. Most courses are Italian, but one is in Fine Arts. R. Capozzi, professor, Department of Italian Studies.
Middle East and Islamic Studies	U.S.A. University of Pennsylvania	Established on a personal basis, the participants co-operate in reconstituting the urban setting of medieval architectural monuments in Isfahan, Iran and in researching its urban history. Three meetings have been held to date. A joint seminar was presented to the Harvard Graduate Fine Arts Society in April, 1976. Funded by the Canada Council. R. Golombek, associate professor of Middle East and Islamic Studies.
Medicine	SWITZERLAND Basel Institute for Immunology	Established on a personal basis, the purpose of the programme is to collaborate in the study of lymphocyte circulation, exchange reagents and to encourage interaction with other scientists in Basel and Toronto. Visits are exchanged annually at which time a seminar is usually given. Funded by the Basel Institute for Immunology and MRC. J.B. Hay, assistant professor of Pathology.
Medicine	U.S.A. Stanford University	Research project, based on personal contact, which involves an analysis of the genetic complexity of the mouse histocompatibility gene complex. Funds provided by the National Institute of Health (U.S.) and the Medical Research Council. Terry L. Delovitch, assistant professor, Faculty of Medicine.

Medicine	U.S.A. Millard Fillmore Hospital	An informal agreement, which dates back to 1965, whereby each year a student in the Department of Health Administration spends one year at the hospital acquiring structured and supervised experience of the administration. The hospital provides a stipend to the resident. G.K. Palin, associate professor, Faculty of Medicine.
Medicine (family and community)	SWITZERLAND World Health Organization	Research programme to evaluate the use of practical health systems methodologies. Two week visits are held annually. Funded by the World Health Organization. S.H. Cohn, associate professor, Department of Family and Community Medicine.
Medicine (Institute of Bio-medical Engineering)	U.S.S.R. Academy of Sciences Computing Centre	A formal agreement established following a visit in 1974-75 to Toronto by a member of the U.S.S.R. Academy of Sciences; the objective of this joint project is to investigate the possibility of applying automatic speech recognition techniques in the clinic and to derive instrumentation for studying the quality of speech for use in audiology and speech pathology. Visits are exchanged annually. Some funds provided by NRC. H. Kunov, associate professor of Chemical Engineering.
Medicine (pathology)	U.S.A. Stanford University	Research project established on a personal basis consists of an investigation of pathology of tumours by immunohistological method for demonstration of specific brain proteins. J.H.N. Deck, assistant professor of Pathology.

Medicine (pathology)	BRITAIN Northwick Park Hospital ITALY University of Milan U.S.A. Armed Forces Institute of Pathology	Agreement established on a personal basis, the programme involves investigations in cardiovascular pathology. Funds are provided by the Ontario Heart Foundation and by the National Research Council of Italy. M.D. Silver, professor of Pathology.
Medicine (psychiatry)	U.S.A. Harvard University	A project resulting from personal contact at the International Conference on Cerebral Palsy in November, 1974; the research involves the validation of behavioral measures on premature infants. Funds provided by the Ontario Mental Health Foundation. K. Minde, associate professor of Psychiatry.
Medicine (psychiatry)	BRITAIN 1. University of Manchester 2. Medical Research Council, Maudsley Hospital	Established on a personal basis, the programme consists of (a) consultation in the development of rating scales, research design and methodology and (b) consultation in developing a method of measuring change over time, refining the diagnostic processes with regard to computer diagnosis and developing instruments for standard interview and diagnosis. Two visits are held annually. H.B. Kedward, professor of Psychiatry.
Medicine (psychiatry)	U.S.A. University of Rochester	A research project established on an individual basis also involving V. Snieckus, associate professor of chemistry at the University of Waterloo; its object is to produce highly specific antibodies for brain transmitters to use in research and clinical investigation.

		Meetings are held every two months. Funded by MRC, the Ontario Mental Health Foundation and the National Institute of Health. G.M. Brown, professor of Psychiatry.
Medieval Studies (Centre for)	BRITAIN 1. University of Leeds 2. Merton College, Oxford 3. King's College, London U.S.A. 1. Indiana University 2. Ohio State University	A research and editorial project "Records of Early English Drama (REED)" has been established to locate, transcribe and publish systematically all surviving external evidence of dramatic, ceremonial and minstrel activity in Britain before 1642. The editorial advisory board of the project consists of individuals from the listed institutions as well as from the University of Saskatchewan and the University of British Columbia. A conference is planned for 1977 and one will be held every five years thereafter until the end of the project. Funded by the Canada Council, the University of Toronto and other sources. A.F. Johnston, Executive editor of REED, Department of English, Victoria College.
Middle East Studies	U.S.A. Middle East Studies Association of North America (MESA)	A group of interested scholars participate in MESA whose objective is to promote cooperation among persons and organizations concerned with the scholarly study of the Middle East. From three to five outstanding scholars from the Middle East are brought to North America annually to visit and give lectures at as many of the important centres of Middle East studies as possible. L.M. Kenny, chairman, Department of Middle East and Islamic Studies.

Near Eastern Studies	ISRAEL Hebrew University U.S.A. Atlanta Inter-denominational	Agreement based on personal contact, the purpose of the project is to prepare a "Key Word in Context Concordance" for the Aramaic translations of the Pentateuch (Targums). Close co-operation also with Prof. Weil, Nancy, France. Funded by the Canada Council. E.G. Clarke, professor of Near Eastern Studies.
Near Eastern Studies	U.S.A. 1. Drew Theological Seminary 2. Harvard Semitic Museum 3. Hebrew Union College 4. McCormick Theological Seminary	Involvement in the projects is as a result of personal contacts. Participation is excavations at tell Balatah, Jordan (pre-1967) and at tell Gezer, Israel. Involvement will continue until publication of the results. Some funds provided by the Canada Council. J.S. Holladay, associate professor, Department of Near Eastern Studies.
Physics	BRITAIN University of Cambridge	Informal agreement in which T.L. Clark of the Atmospheric Environment Service (Canada) also participates to collaborate in the study of momentum exchange between orographically generated waves and the mean flow. W.R. Peltier, assistant professor of Physics.
Physics	ITALY Instituto di Fisica, Naples	Collaboration on joint research programmes in many-body and group theory. Visits are exchanged annually. D.J. Rowe, professor of Physics.
Physics	MEXICO Universidad Nacional Autonoma de Mexico U.S.A. University of Rochester	Established on a personal basis, project involves the study of the statistical behavior of nuclei based on the random matrix ensemble approach. Occasional visits. S.S.M. Wong, associate professor of Physics.

Physics	U.S.A. National Centre for Atmospheric Research	A formal agreement to produce a report for the boundary layer working group of the World Meteorological Association on boundary layer and mesoscale dynamics. W.R. Peltier, assistant professor, Department of Physics.
Physics	U.S.A. National Severe Storms Laboratory	A formal agreement established as a result of personal contacts. To carry out a research program on severe storms under the sponsorship and financing of the Laboratory. R. List, professor of physics.
Physics	SWITZERLAND World Meteorological Organization	Personal involvement in the review of cloud physics and weather modification on a global basis. R. List, professor of physics.
Physics	U.S.A. 1. Duke University 2. University of Notre Dame	An informal arrangement based on personal contact, Prof. P.M. Patel of McGill University is also involved in this project; a collaborative experiment to study high energy pion-nucleon interactions. Some funding from NRC. T.S. Yoon, associate professor of Physics.
Physics	U.S.A. University of Illinois	Established in 1974 following personal discussions; a research programme to study the formation of the trade-wind inversion layer in the tropics. H.R. Cho, assistant professor of Physics.
Physics	U.S.A. Argonne National Laboratory (governmental agency)	An informal agreement amongst institutions and individuals, including Prof. P.M. Patel of McGill University, to study proton-nucleon interaction at

	U.S.S.R. J.I.N.R. (governmental agency)	high energy. Some funds provided by NRC. T.S. Yoon, associate professor of physics.
Physics	U.S.A. Livermore Laboratories (governmental agency)	Collaboration in research in photo nuclear reactions. Funded by NRC and by Livermore Laboratories. K.G. McNeill, professor of Physics.
Physics	U.S.A. University of Illinois	A formal agreement whereby the University of Toronto "photon monochromator" will be moved to the University of Illinois where its full potential will be realized, along with their "superconducting electron accelerator". Funds are provided by the Atomic Energy of Canada. T.E. Drake, associate professor of physics.
Physics	U.S.A. National Centre of Atmospheric Research (NCAR)	A formal agreement to pursue research on problems of atmospheric dynamics, climate and heat. Seminars and exchange visits are held and publications are exchanged. Funded by the participants with some funding from NRC. R. List, professor of Physics.
Physics	U.S.A. National Hurricane and Experimental Meteorology Laboratory (governmental agency)	Collaboration on research project to study the convective disturbances observed during the Global Atmospheric Research Program Atlantic Tropical Experiment. Two staff visits are planned. H.R. Cho, assistant professor of Physics.
Physics	U.S.A. Purdue University	An informal agreement to collaborate on research in high energy physics. A professor from York University also participates. Funds from NRC. A.W. Key, associate professor of Physics.

Physics	U.S.A. 1. University of California 2. University of Colorado	Established on a personal basis following post-doctoral fellowship of W.R. Peltier in Colorado in 1972-73. Joint research to determine the response of the earth to a climatic change: interaction of the planet with its ice sheets and oceans. W.R. Peltier spends 1-2 months each year in Colorado. W.R. Peltier, assistant professor of Physics.
Physics	U.S.A. 1. University of California at Santa Barbara 2. Fermilab, Illinois U.S.S.R. Lebedev Institute	A number of individuals at the University of Toronto participate informally in the formal agreement between Fermilab and the Lebedev Institute. Objective is to measure the total hadronic cross section of high energy photons. Frequent staff visits to Fermilab where experiment is being performed. Graduate students take part in all phases of the experiment and undergraduate students work on the experiment during summer months. Some funding by NRC. J.D. Prentice, professor of Physics.

TRENT UNIVERSITY

Institutional	NIGERIA University of Ifé	An informal agreement conceived by the former president of Trent, who is also a former vice-chancellor at Ifé. Trent University has agreed to collaborate with the University of Ifé on short-term teaching and research assignments. Supported by CIDA. T.E.W. Nind, president and vice-chancellor.

Art Education	U.S.A. Golden Gate Kindergarten	An agreement based on personal contact, initiated in 1975, which provides for the establishment of the Rhoda Kellogg Child Art Collection at the University of Victoria and the preparation of film and video tape materials for classroom use (teacher education). G. Hodder, assistant professor, Department of Education.
Biology	U.S.A. University of Missouri	An informal agreement established in 1974, to jointly research the biosynthesis of flavonoids. Funds provided by NRC. E.D. Styles, associate professor of biology.
English	U.S.A. University of Massachussetts	Formal agreement developed as a result of personal contact. Annual exchange of two professors of English, one from each institution. D.L. Jeffrey, chairman, Department of English.
German	FEDERAL REPUBLIC OF GERMANY Federal German Labour Office	A formal agreement to enable Canadian students to study and work in the Federal Republic of Germany. I. Hartley, secretary, Department of German.
Physics	BRITAIN 1. Atomic Energy Research Establishment 2. Queen Mary College 3. University of Bradford 4. University of Sussex	Joint research, based on personal contact, to measure the neutron-proton scattering parameters at TRIUMF (accelerator in Vancouver). Funded by the NRC. L.P. Robertson, professor of physics.
Physics	JAPAN University of Tokyo	Informal agreement established in 1973 to jointly study the dynamics of magnetospheric plasma and the origin of magnetic pulsations. An individual from the University of British Colum-

		bia is also a participant in this research project. The three participants measure ULF, VLF and Auroral phenomena. Funded by the National Research Council of Canada and the Ministry of Education in Japan. R.E. Horita, associate professor, Department of Physics.
Physics	U.S.A. Stanford University	Informal agreement to conduct joint theoretical studies on non-linear Boltzman equations. J.P. Elliott, associate professor, Department of Physics.
Slavonic and Oriental Studies	U.S.A. Macalester College YUGOSLAVIA University of Zagreb	A formal agreement developed five years ago on the initiative of the Department of Slavonic and Oriental Studies and supported by the governments of the Socialist Federal Republic of Yugoslavia and the Soviet Union. The University of Waterloo is also party to this agreement. The purposes of the programme are to expose students to various slavonic environments, languages and cultures, to increase their knowledge of same and to encourage international relations by means of personal contacts among students of Slavic studies. Five to ten undergraduate students are exchanged yearly and scholarships are awarded by the governments of the participating countries. Z.B. Juricic, chairman, Department of Slavonic and Oriental Studies.
Sociology	U.S.A. University of Utah	Formal agreement negotiated by a member of the Sociology Department at the University of Utah. Research collaboration and appointment of a "visiting scholar" from the University of

		Victoria at the University of Utah. A. Fischer, dean, Faculty of Arts and Science.

UNIVERSITY OF WATERLOO

Biology	NIGERIA University of Nigeria	A formal agreement whereby Dr. H.B.N. Hymes serves as an external examiner in the Department of Zoology at the Univeristy of Nigeria. H.B.N. Hymes, professor of biology.
Chemistry	SWEDEN Royal Institute of Technology	An informal scientific exchange developed in 1974 because of common research interests. D. E. Irish, professor of chemistry.
Chemistry	SWEDEN Royal Institute of Technology	Informal agreement based on personal contact. Collaborative research in synthetic chemistry. Funds are provided by the Sweden Research Council and the National Research Council Canada. V. Snieckus, professor, Department of Chemistry.
Chemistry	URUGUAY Universidad de la República	An informal agreement, developed as a result of personal contact to exchange information on the Natural Product work conducted in both institutions. Attempts are being made to carry out collaborative research, with the possibility of exchanging graduate students. V. Snieckus, professor, Department of Chemistry.
Computer Science	BRAZIL 1. Pontifica Universidade Catolica 2. Universidade de Bahia 3. Universidade de Paraiba	A formal agreement which is the result of I.B.M. having sponsored the visit in 1967 of three faculty members from Brazil to study the computing system at

	4. Universidade de Pernambuco	the University of Waterloo. To develop an international centre of excellence of Computer Science in Brazil, to develop computer education in Northeastern Brazil and to assist in the development of computer applications which will benefit Brazil, with particular reference to the Northeast. Professors and technical experts of the computer science department and computing centre visit Brazil to teach, assist with research and handle specific computing centre problems. Scholarships are provided to assist qualified Brazilian students and faculty to obtain advanced degrees in Computer Science. Funded by CIDA. D.D. Cowan, professor of computer science.
Engineering	BRAZIL Federal University of Paraiba	A formal agreement to assist in developing graduate engineering programmes in Brazil. The University of Waterloo will: (1) help organize graduate electrical, civil and systems engineering programmes; (2) provide visiting professors to Campina Grande (about 90 four-month teaching terms will be provided for during the next five years); (3) provide doctoral programmes for about 21 Brazilians on the University of Waterloo campus; (4) supplement the library at Campina Grande; (5) support research by Canadians while they are in Brazil; (6) provide some specialized equipment to Campina Grande, and (7) establish a secretariat. Funded by CIDA. W.A. McLaughlin, dean of engineering.

Engineering	BRITAIN University of Reading SWITZERLAND Eidgenossiche Technische Hochshule	An informal agreement to cooperate in the development of land use models with the first institution listed and to develop courses in construction management with the other.
Engineering	CUBA University of Havana	A formal agreement established through informal contacts in the early 1970's to aid in the development of graduate teaching and reserach in the Faculty of Technology at the University of Havana. The University of Toronto and the University of British Columbia are also party to this agreement. Canadian lecturers and research advisors pay 3-4 week visits to Havana to teach a course or advise on research. Cuban graduate students visit a Canadian institution for 4-6 weeks as part of their research activity. G.S. Mueller, assistant professor of chemical engineering.
Engineering	FRANCE Ecole Supérieure d'Ingénieurs de Marseille	The objectives of this formal agreement are to bring to l'Ecole Supérieure a greater understanding and eventual implementation of the pedagogy and practice of systems design engineering and to bring to the University of Waterloo an understanding of engineering as taught in the French system. T.M. Fraser, chairman, Department of Systems Design.
Institutional	FEDERAL REPUBLIC OF GERMANY University of Mannheim	A formal agreement established in 1971 through the initiatives of the Department of Germanic and Slavic Languages and Literatures at the University of Waterloo. The program is entitled "Waterloo-in-Mannheim" and is designed to enable undergra-

		duate and graduate students from all faculties and departments to attend the University of Mannheim for one academic year. The courses are credited towards a University of Waterloo degree. Wilfrid Laurier University is also party to this agreement. M. Richter, chairman, Department of Germanic and Slavic Languages and Literatures.
Management Sciences	North Atlantic Treaty Organization (NATO)	An informal agreement to provide advanced education to citizens of European NATO countries. Students enrolled in the M.A.Sc or Ph.D. programmes receive NATO fellowships for three years stay in Canada. Funded by NATO. E.A. Silver, associate chairman, Department of Management Sciences.
Mathematics	AUSTRALIA University of Newcastle	Annual exchange of one or two faculty members, which serves to increase communication between the two faculties of mathematics. W.F. Forbes, dean, Faculty of Mathematics.
Physics	FEDERAL REPUBLIC OF GERMANY Ruhr Universitat	Joint study of the Milky Way Structure. Funds provided by NRC. M.P. FitzGerald and G.A. Bakos, associate professor and professor of physics, respectively.

THE UNIVERSITY OF WESTERN ONTARIO

Anthropology	MEXICO Instituteo Nacional de Anthropologia y Historia	Informal agreement designed in 1962 at an international conference on Valley of Mexico archaeology. Participation in the Teotihuacan Mapping Project whose purpose is to study the

	U.S.A. University of Rochester	structure, development, ecology, etc. of Teotihuacan, a large urban centre (0-750 AD) in the Valley of Mexico. Bruce Drewitt of the University of Toronto also participates in this project. Funds provided by the Canada Council and the National Sciences Foundation. Michael Spence, assistant professor of anthropology.
Chemistry	BRITAIN Atomic Energy Research Establishment REPUBLIC OF IRELAND University College	A formal agreement established in 1974 to conduct research on the theoretical calculation of the properties of defects in crystals. Visits are exchanged annually. Funds provided by NATO. P.W.M. Jacobs, professor of chemistry.
Dentistry	COLOMBIA Universidad de Antioquia	An informal agreement developed in 1974 which provides for the yearly exchange of 2-4 professors from each university for periods ranging from two weeks to one month. Funded by CIDA. Wesley J. Dunn, dean, Faculty of Dentistry.
Economics	GHANA University of Ghana	A formal cooperative programme of teaching and research, established in 1968 and designed to provide resources to strengthen the quality of these activities at the University of Ghana and to improve Canadian capabilities in teaching and research in the area of economic development in West Africa. Seven University of Western Ontario faculty members have spent more than 15 man-years as visiting lecturers in Ghana and two faculty members from Ghana have been visiting research associates at The University of Western Ontario. About twenty students

		from Ghana have been awarded M.A.'s from The University of Western Ontario, two have received Ph.D.'s and 5-6 Ghanian Ph.D. students are currently in the programme. The programme will terminate in 1980. Funded by CIDA. A.G. Bloomquist, associate professor of economics.
Education	BARBADOS University of the West Indies	In 1973, the Faculty of Education and the Ministries of Education of the islands of the Eastern Caribbean established a non-diploma training programme for 10-12 Junior Secondary School Principals, modelled on the Ontario School Principal's summer course programme. The 1977 programme will be conducted in both countries and the University of the West Indies will assume an increased share of the responsibility. Funded by CIDA. Gordon Hay, associate professor, Faculty of Education.
Education	GUYANA University of Guyana	The University of Western Ontario was awarded a CIDA contract in 1969 to provide training for Guyana multi-lateral schools programme. The renewal of the programme for 1976 is being negotiated with CIDA. Members of the University of Guyana faculty of education took courses at The University of Western Ontario for professional upgrading. University of Western Ontario faculty members taught courses and served as consultants to the University of Guyana faculty. Funded by CIDA. David Radcliffe, assistant professor, Faculty of Education.

Engineering	FRANCE Université de Technologie Compiègne	A formal agreement which began in 1972 to exchange professors, researchers and undergraduate students. A professor from The University of Western Ontario has also visited the French institution twice a year for the past four years to assist in the establishment of the chemical engineering undergraduate programme. Funds provided under the Canada-France scientific exchange agreement. M.A. Bergougnou, professor of chemical engineering.
Engineering	U.S.A. 1. University of California at San Diego 2. University of Illinois 3. University of Michigan 4. Massachussetts Institute of Technology 5. Pennsylvania State University 6. University of Pittsburgh 7. Rice University	A corporation which consists of the above-mentioned institutions and The University of Western Ontario was established in 1972 to plan and design, seek funds for, and manage a binational centre for studies of the ionosphere that will be located near the U.S./Canadian border. The principal research tool for the proposed observatory is an incoherent radar facility. Meetings of the universities' representatives in the consortium are held at least annually, and working groups meet more frequently. Funded by the National Science Foundation. D.R. Mooncroft, professor of physics.
Geology	BRAZIL University of Brasilia	An informal agreement developed in 1972 whereby two faculty members visit the University of Brasilia annually to describe the chemistry of tropical soils. Funded by the Government of Brazil. W.S. Fyfe, chairman, Department of Geology.

Geology	BRAZIL University Bahia	An informal agreement which began in 1970 whereby three faculty members from The University of Western Ontario are sent annually to Salvador to provide graduate training and to conduct research on ore deposits. Funds provided by the Government of Brazil. W. S. Fyfe, chairman, Department of Geology.
Geology	SAUDI ARABIA Abdulaziz University	An informal agreement established through personal contact in 1972 whereby each year two University of Western Ontario faculty members are sent to Saudi Arabia and four Saudi graduate students attend The University of Western Ontario. Joint research on ore deposits. Funded by the Saudi government. W.S. Fyfe, chairman, Department of Geology.
Information Sciences	AUSTRALIA Canberra College of Advanced Education	Informal agreement based on personal contact. Joint investigation and development of machine shorthand and computer assisted translation of shorthand to English. I.P. Suttie, chairman, Department of Secretarial Science.
Law	U.S.A. Case Western Reserve University	An informal agreement designed to provide a series of differential intensive contacts to serve the widest possible range of student interest at the two law schools. The exchange of 2-5 graduate students commenced with the 1976-77 academic year and the annual exchange of one faculty member from each institution may be developed. R.J. Roberts, associate professor, Faculty of Law.

German	FEDERAL REPUBLIC OF GERMANY University of Mannheim	A formal agreement whereby Wilfrid Laurier University is a party to the agreement between the University of Waterloo and the University of Mannheim (See the University of Waterloo entry: "Institutional - FEDERAL REPUBLIC OF GERMANY University of Mannheim)". H. Loewen, chairman, Department of German.
History	BRITAIN 1. Durham University 2. University of Cambridge	Wilfrid Laurier University operates a six-week Summer School for its own undergraduates at Durham University. The purpose of the programme is to enable Canadian undergraduates to study indepth the aspects of British and European culture. The programme is in its fifth year and courses have been offered in history, geography, political science, sociology, and English literature. Courses are taught by Wilfrid Laurier faculty. D.A. Lorimer, assistant professor, Department of History.

UNIVERSITY OF WINDSOR

Engineering	TURKEY Middle East Technical University (METU)	An informal agreement developed in 1976 to assist the Middle East Technical University in designing and setting up laboratories for Industrial Engineering. Funds provided by the Department of External Affairs and METU. Abdul Raouf, head, Department of Industrial Engineering.
Geology	VENEZUELA 1. Instituto Venezolano de Investigaciones Cientificos	An agreement based on personal contact developed following the 6th Caribbean Geological Conference in 1971. Joint

	2. Ministry of Mines and Hydrocarbons	study of recent evaporites, their relation to base metal and hydrocarbon concentration, and of density stratified brines as solar energy accumulators. P. Sonnenfeld, professor of geology.
Human Kinetics	U.S.A. 1. New York State University at Buffalo 2. Wayne State University	SIR/CAR, the trademark registered name for this voluntary mutual benefit service organization, was conceived and initiated in 1970. Its purpose is to bring together theoreticians and practitioners in an interdisciplinary study/research effort dealing with school sport and/or amateur athletics. In addition to the two institutions memtioned, the organization has numerous corresponding scholars throughout the United States and Canada. Periodic workshops are held on the University of Windsor campus. Funds are provided by the Ontario Ministry of Education, the Canada Council and the National College Physical Education Association for Men and Women. R.J. Moriarty, professor of physical and health education.
Physics	BRITAIN University of Oxford	Informal agreement developed during Dr. Schlesinger's sabbatical leave at the Clarendon Laboratory in Oxford. Joint research project dealing with optically excited state EPR. Funds provided by NATO. M. Schlesinger, professor of physics.
Physics	FEDERAL REPUBLIC OF GERMANY University of Munich BRITAIN University of Edinburgh	A formal agreement to conduct a cooperative experimental and theoretical research programme in fundamental atomic physics. Funds provided by NATO. A. van Wijngaarden, professor of physics.

Physics	FEDERAL REPUBLIC OF GERMANY Max-Planck Institut für Stromungsforschung	A formal agreement to exchange scientific information and technical know-how, and occasionally personnel. R. Helbing, professor of physics
Physics	FEDERAL REPUBLIC OF GERMANY Universität Kaiserslautern	An informal agreement to conduct experimental studies of collisions of excited molecules, carried out using techniques of laser spectroscopy, sensitized fluorescence and delayed coincidences. Each year, two scientists from each institution visit the other for periods of up to six weeks. Funded by NATO. L. Krause, chairman, Department of Physics.
Psychology	BRITAIN University of Nottingham	A formal agreement whereby Dr. Cervin participates in a University of Nottingham project whose aims are: (1) to provide a description and analysis of social psychological factors in union-management negotiations at plant level, and (2) to develop training programmes for negotiators. V.B. Cervin, professor of psychology.
Sociology	FEDERAL REPUBLIC OF GERMANY University of Bochum	Informal agreement developed in 1965 through mutual interests and contacts. Comparative study of migration patterns and problems of adjustment of minority groups. R.A. Holling, professor of sociology.

THE UNIVERSITY OF WINNIPEG

Anthropology	NETHERLANDS University of Utrecht	Formal agreement Project involves the analysis of human skeletal remains excavated by the University of Utrecht.

		The analysis will be done in the Netherlands by Dr. Meiklejohn. Funds provided by the Canada Council. C. Meiklejohn, chairman, Department of Anthropology.
History	U.S.A. Board of Education, Omaha, Nebraska	An informal agreement whose purpose is to catalogue medieval scientific materials in Latin manuscripts. Project is financed by The University of Winnipeg, the University of Nebraska at Omaha and the American Philosophical Society. W.M. Stevens, associate professor of history.

YORK UNIVERSITY

Administration	U.S.A. University of Texas	Informal agreement to cooperate in various projects in operations research and management. Visits are exchanged annually. Funded by NRC. Wade D. Cook, assistant professor, Faculty of Administrative Studies.
Biology	UNITED NATIONS AGENCY based in Vienna International Atomic Energy Agency	A formal agreement between York University and IAEA. The objective of the programme is the eradication of tse tse flies from Africa, using the release of sterile male flies. The exchange of information is the basis for the agreement and IAEA acts as a clearing house. The York group will be providing information concerning the reproduction in tse tse flies. A number of bilateral research contracts is involved. NRC provides funds for research and the travel costs are covered by IAEA. K.G. Davey, professor

		and chairman, Department of Biology.
Canadian Studies Programme	U.S.A. Massachussetts State College System	An informal agreement established at the request of interested faculty members in the Massachussetts State College System. The object of the agreement is to enable students in the College System to study a year at York and receive credit at their home institution. J. Warkentin, professor, Canadian Studies Programme.
Centre for Research in Experimental Space Science	**BRITAIN** Imperial College U.S.A. 1. Harvard College 2. NASA Ames Research Centre	Informal agreement, which began in the mid-60's, to collaborate in a number of laboratory and space research programmes, including work on stratospheric properties and pollution. Project funded by the institutions involved. R.W. Nicholls, director, Centre for Research in Experimental Space Science.
Chemistry	ITALY University of Florence	Informal agreement established as a result of visit by A.B.P. Lever to Florence sponsored by Consiglio Nazionale Delle Ricerche (Rome). Object of the project is to seek relationships between vibrational and electronic spectroscopy and thermodynamic properties of coordination complexes. Participants meet once per year (for about 4-6 weeks) in Italy or Canada. Funded by NATO. A.B.P. Lever, professor, Department of Chemistry.
Chemistry	U.S.A. 1. National Oceanic and Atmospheric Administration Laboratory 2. Energy Research and Development Adminis-	Formal agreement with ERDA/NOAA established in 1971 and informal arrangement with the Laboratory since 1974. To develop and obtain routinely stratospheric air samples, and subsequent

	tration/National Oceanic and Atmospheric Administration (ERDA/NOAA)	analysis for freons and N_2O to test models of stratospheric chemistry and to measure $NO_1 NO_2 O_3$. Funded by the Manufacturing Chemists Association and by ERDA. B. Ridley, assistant professor, Department of Chemistry.
East Asian Studies Programme	U.S.A. University of Illinois	Established in 1974 through personal contact, participants exchange views with regard to on-going research with colleagues studying developments in modern China. Meetings every two months in U.S. or Canada. Funded by the United States Social Science Research Council. Daniel Tretiak, associate professor, Department of Political Science.
English	FEDERAL REPUBLIC OF GERMANY University of Mainz	Formal agreement established in 1975 which provides for the annual exchange of two graduate students. R. Cluett, associate professor, Department of English.
English (Glendon)	AUSTRALIA Mount Gravatt College of Advanced Education	Agreement based on personal contact to develop readers for Canadian beginners in kindergarten and primary levels. R. Handscombe, chairman, Department of English, Glendon College.
English (Glendon)	AUSTRALIA University of Sidney BRITAIN 1. University of Edinburgh 2. University of Sussex	Informal agreement which began in Leeds in 1963 when a group of professors began studying new approaches to teaching English at the graduate level. To develop programmes at all levels (kindergarten to post-graduate) that will meet the needs of students, in light of theoretical approaches de-

		veloped since the Dartmouth Seminar in English (1966). Richard Handscombe, chairman, Department of English, Glendon College.
French Literature	FRANCE Université de Bordeaux	A formal agreement was signed with the Université de Bordeaux in April 76. To establish a wide range of exchanges including reciprocal exchanges of teaching personnel and cultural missions. C.E. Rathé, chairman, Department of French Literature.
German	FEDERAL REPUBLIC OF GERMANY University of Mannheim	Nine York University students have participated in the "Waterloo-in-Mannheim" programme. (For details, see the University of Waterloo entry: "Institutional-FEDERAL REPUBLIC OF GERMANY".) H. Schueler, associate professor, Department of Foreign Literature.
Humanities	ALGERIE Université de Constantine	Exchange of information and collaboration in research. Alain Baudot, associate professor of humanities.
Humanities	FRANCE 1. Agence de Coopération culturelle et technique 2. Association linguistique franco-europeénne 3. Biennale de la langue française 4. Centre de documentation africaine 5. Centre de Recherches et d'Etudes sur les sociétés méditerranéennes 6. Université Paris-Nord 7. Université de la Sorbonne 8. Centre internationale de la Langue française	Individual agreements with all of the institutions or agencies listed above, either to exchange information or to collaborate in research projects and prepare articles. Alain Baudot, associate professor of humanities.

	9. Le Français dans le Monde (Hachette) 10. Centre national de la Recherche scientifique 11. Institut d'Etudes et de Recherches interethniques et culturelles 12. Ecole Normale Supérieure 13. Ecole Pratique des Hautes Etudes 14. Présence Africaine 15. Centre de Documentation Sciences humaines 16. Centre d'Etudes et de Documentation sur l'Afrique et l'Outre-Mer	
Humanities	HAITI 1. Centre haïtien d'investigation sociale 2. Université d'Etat 3. Institut français d'Haïti 4. Institut pédagogique national	Individual agreements to exchange information. Alain Baudot, associate professor of humanities.
Humanities	MARTINIQUE 1. Centre d'Etudes régionales Antilles-Guyane 2. Centre de Recherches caraïbes 3. Institut martiniquais d'Etudes	Individual agreements to exchange information and to collaborate in research. Alain Baudot, associate professor of humanities.
Humanities	U.S.A. 1. University of California 2. University of Southwestern Louisiana 3. University of Maine at Orono	Individual agreements to exchange information and to collaborate in research. Alain Baudot, associate professor of humanities.
Institutional	KENYA Ministry of finance and planning	Formal agreement established in 1969 resulting from a request from the Government of

		Kenya to Canada for technical assistance with project preparation and planning procedures. Project to be completed in December 1977. To provide technical assistance to the Republic of Kenya in project planning, evaluation, project preparation and development planning, programming and budgeting. To date three faculty members from the Department of Geography have been seconded to the Ministry of Finance and Planning for periods from 1½ to 5 years. Kenyan students, normally from Government service, are sent to Canada for graduate level training, normally in a degree programme at York. Funded by CIDA and the Government of Kenya. J.T. Saywell, director, York/Kenya project.
Mathematics	SWEDEN 1. Royal Institute of Technology 2. University of Uppsala 3. University of Göteborg	Collaboration in teaching and research. Visits have been arranged for Swedish mathematicians to York University and the University of Toronto and Professor Lorch visits the Royal Institute of Technology for several weeks almost every year. Lee Lorch, professor of mathematics.
Philosophy	U.S.A. 1. University of Indiana 2. Purdue University	Agreement based on personal contact. Participation in the "Peirce Edition Project", which involves the eventual publication of a new edition of the writings of the American logician, scientist and philosopher Charles S. Peirce. Richard Tursman, associate professor of philosophy.

Physics	DENMARK Danish Atomic Energy Komission	Informal agreement based on personal contact, Canadian consultant spends two weeks per year in Denmark planning future expeditions and analysing results. Joint research to determine the change with time of the background atmospheric aerosol. Periodic expeditions are made to Greenland and sampling flights made over the ice cap and the sea around Greenland to sample (a) Aitken nuclei (b) cloud condensation nuclei (c) freezing nuclei (d) large particles (e) ozone (f) radon (g) freons. Writing of joint papers. Funded by the Danish National Science Foundation, the Carlsberg Foundation and by monies raised by the participants. W.J. Megaw, professor of physics.
Physics	FRANCE Centre de Recherches en Physique de l'Environnement	Informal agreement based on personal contact. To cooperate in a theoretical and computer analysis of the disturbed region, or "sheath", around a large cylindrical object in a space environment. Funds are provided by the NRC. J.G. Laframboise, associate professor, Department of Physics.
Physics	IRAN Pahlavi University U.S.A. Harvard College Observatory	This agreement, based on personal contact, was established in 1974 as a result of mutual interests. To conduct astrophysical research, specifically radio studies and analysis of Markarian galaxies. Some funds are provided by the NRC. C.R. Purton, associate professor of physics.
Physics	JAPAN University of Tokyo	Developed through personal contact but subsequently authorized by the National Research

		Council of Canada and the University of Tokyo. To conduct joint rocket experiments with mutual analysis of the data. Funds provided by the NRC. G.G. Shepherd, professor of physics.
Physics	NIGERIA University of Ibadan	Formal agreement established in 1969. Exchange of research information between the University of Ibadan and York University leading to the establishment of a research facility at Ibadan. Exchange of undergraduate curriculum information. Yearly visit by Ibadan lecturer to York sponsored by CIDA/NRC fellowships. Funded by NRC and CIDA. W.W. Duley, professor of physics.
Physics	U.S.A. Goddard Space Flight Centre	Formal agreement developed as a result of a joint agreement between Canada and the U.S.A. at the ministerial level. The National Research Council and the Communications Research Centre in Ottawa are also party to this agreement. To observe the control of the ISIS-11 spacecraft and to acquire data from it; joint data analysis and joint publications. The investigators hold approximately three meetings a year, either in Canada or the U.S.A. Funded by the NRC. G.G. Shepherd, professor of physics.
Physics	U.S.A. 1. Argonne National Laboratory 2. Ohio State University (Columbus)	Established as a result of a joint effort by the University of Toronto, Ohio State University and Michigan State University to build a basic spectrometer to measure vector momenta of both charged and neutral pions. Programme established

		on an informal basis with the US participants but a formal agreement has been reached between the participating Canadian universities, namely the University of Toronto, McGill University, Carleton University and York University. Project keeps Canadian physics professors and graduate students involved and specifically, serves to study the spectroscopy of short lived mesons. Graduate students visit the Argonne laboratory regularly. Pion beam and floor space provided by Argonne laboratory for three one-month periods per year during which time scientists from participating institutions conduct experiments. The Canadian members receive funds from the NRC. W.R. Frisken, professor of physics.
Physics	U.S.A. Lee W. Parker, Inc.	The main objective of this informal agreement is to carry out computer tests of a new type of measurement device (multi-electrode electrostatic probe) for ionized gases (particularly space environments). Funds are provided by the NRC. J.G. Laframboise, associate professor, Department of Physics.
Physics	U.S.A. 1. Purdue University 2. Stanford University	Established approximately two years ago. The purpose of this research project is to study the spectroscopy of the KK system. An informal arrangement has been reached with the two U.S. institutions, and a formal agreement has been established between York University and the University of Toronto, through the Institutes of Particle Physics of Canada. A York faculty member visits the University of

		Toronto on a weekly basis and also conducts experiments at the Stanford Linear Acceleration Centre (SLAC) for approximately twelve weeks per year. Graduate students also spend several weeks per year at SLAC. Funded by the NRC. W.R. Frisken, professor of physics.
Physics	U.S.A. Air Force Office of Scientific Research	Contract signed for 1976-77 and possibility of a further two year renewal. The title of the contract is "Numerical Simulation of Spacecraft Changing Phenomena". One or two visits annually to U.S. Air Force Geophysics Laboratory. Funded by the U.S. Air Force Office of Scientific Research. J.G. Laframboise, associate professor of physics.
1 - Physics 2 - Centre for Research in Experimental Space Science	AUSTRALIA Commonwealth Scientific and Industrial Research Organization BRITAIN Cambridge University U.S.A. National Radio Astronomy Observatory	Formal agreement established in 1973 to conduct astrophysical research, and specifically, radio studies and analysis of emission-line stars. Funds provided by the NRC. C.R. Purton, associate professor of physics.
Psychology	SWEDEN University of Stockholm	Agreement based on personal contact which provides for the exchange of three academic staff. N.S. Endler, professor, Department of Psychology.
Social Sciences	JAPAN Waseda University	Student exchange programme initiated in 1972 between York University and Waseda University. Toyomasa Fusé, professor, Social Science.

APPENDIX A

ASSOCIATION OF UNIVERSITIES AND COLLEGES OF CANADA

Survey of the international involvement of AUCC member institutions

GENERAL INSTRUCTIONS TO COMPLETE FORM A - PROGRAMS OF COOPERATION

1. Please complete a separate form for EACH program of cooperation.

2. In order to establish the parameters of this survey, the following definition for 'program of cooperation' is offered:

   a) 'program of cooperation' is defined as an arrangement or agreement, whether formal or informal, between one or more Canadian universities, faculties, schools, departments, institutes, research centres, individuals, etc. with one or more foreign universities, educational institutions or governmental agencies to exchange information, expertise, staff, research workers or students, or to collaborate in research, teaching or other projects. There should be at least an implicit understanding that the program will continue. The Canadian university or universities party to this program may be joined by other Canadian educational institutions or governmental agencies in this program.

3. Please print or type your answers.

4. Please return your completed form to the contact person on your campus.

5. If you require any assistance in completing this form, please call Robert Patry at the AUCC - (613) 237-3330 ext. 331.

6. Thank you for your assistance.

SURVEY OF THE INTERNATIONAL INVOLVEMENT OF AUCC MEMBER INSTITUTION

FORM A - PROGRAMS OF COOPERATION

1. Please provide the following information for your own institution and for all other parties involved in the program, by completing a column for each partner.

	OWN INSTITUTION	PARTNER 1	PARTNER 2	PARTNER 3
Name of institution City Country				
Type of institution (educational, governmental etc.)				
Name of contact person Position				
Level of program (i.e. institutional faculty, individual etc.)				
Faculties and departments involved				

2. Describe briefly the main objectives of the program and state the roles played by each participant. (Please take cognizance of question 3 before answering) - if more space is required, please attach a separate sheet.

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3. Please indicate whether the following activities take place under this program and, if so, provide details on each activity, for example the number of individuals involved, the frequency of occurrence, the location of the activity, etc.

a) Staff visits, exchange and/or attachement yes ☐ no ☐

Details _____

_____

_____

b) Student exchange: undergraduate yes ☐ no ☐

graduate yes ☐ no ☐

Details _____

_____

_____

c) Joint research yes ☐ no ☐

Details _____

_____

_____

d) Joint courses, seminars, conferences yes ☐ no ☐

Details _____

_____

_____

e) Information exchange yes ☐ no ☐

Details _____

_____

_____

f) Other (specify) _____

_____

_____

4. Please indicate whether the program is based on:

☐ a formal agreement

☐ an informal agreement

☐ an agreement based on personal contact

5. When and how did program first develop?

_____

_____

_____

_____

6. Is programme established on a permanent basis? yes ☐ no ☐

If no, when and why will it be terminated _____

_____

_____

7. Funding of program

a) Total budget for this year _____

b) Please indicate the source(s) of funds by name and the amount each source awards

Source(s)	Amount
_____	_____
_____	_____
_____	_____

APPENDICE A

ASSOCIATION DES UNIVERSITES ET COLLEGES DU CANADA

Etude sur l'engagement international des institutions membres de l'AUCC

INSTRUCTIONS GENERALES POUR COMPLETER LA FORMULE 'A' - PROGRAMMES DE COOPERATION

1. Prière de compléter une formule séparée pour chaque programme de coopération.

2. Afin de délimiter les cadres de cette étude, on offre la définition suivante pour 'programme de coopération':

   a) on définit un 'programme de coopération' comme un accord ou une entente, officielle ou non, entre une ou plusieurs université canadiennes, facultés, écoles, départements, instituts, centres de recherches, individus, etc., et une ou plusieurs universités, institutions d'enseignement, ou agences gouvernementales étrangères, dans le but de procéder à un échange d'information, de spécialistes, de personnel, de recherchistes ou d'étudiants ou, de collaborer à la recherche, à l'enseignement ou à d'autres programmes. Il devrait être entendu, au moins implicitement, que le programme se continuera. L'université ou les universités canadiennes peuvent s'adjoindre d'autres institutions d'enseignement ou agences gouvernementales du Canada dans la participation à ce programme.

3. Prière d'écrire vos réponses en lettres moulées ou à la machine.

4. Prière de remettre votre formule complétée à la personne de liaison à votre campus.

5. Si vous désirez de l'aide pour compléter cette formule, veuillez appeler Robert Patry à l'AUCC (613) 237-3330 poste 331.

6. Nous vous sommes très reconnaissants de bien vouloir répondre à ce questionnaire.

QUESTIONNAIRE AU SUJET DE L'ENGAGEMENT INTERNATIONAL DES INSTITUTIONS MEMBRES DE L'AUCC

Formule A - Programmes de collaboration

1. Veuillez donner l'information suivante pour votre propre établissement et pour tout les autres participants au programme, en complétant une colonne pour chaque associé.

	PROPRE ETABLISSEMENT	ASSOCIEE 1	ASSOCIEE 2	ASSOCIEE 3
Nom de l'établissement Ville Pays				
Type d'établissement, (d'enseignement, gouvertemental etc.)				
Personne de liaison Nom Poste				
Niveau du programme (c.-à.d. institutionnel, départemental, individuel etc.)				
Facultés et départements impliqués				

2. Décrivez brièvement les principaux objectifs du programme de même que les rôles joués par chaque participant. (Prière d'étudier la 3^{e} question avant de répondre) - si votre réponse est trop longue pour l'espace ci-dessus veuillez attacher une feuille séparée à la formule.

_____

_____

_____

_____

_____

_____

3. Veuillez indiquer quels domaines parmi les suivants font partis de ce programme et donner des détails sur chacun, par exemple, le nombre de participants, la fréquence des activités, le lieu où elles se déroulent, etc.

a) Visites du personnel, échange et, ou affectation oui ☐ non ☐

Détails _____

_____

_____

b) Echange d'étudiants: du premier cycle oui ☐ non ☐

des 2^{e} et 3^{e} cycles oui ☐ non ☐

Détails _____

_____

_____

c) Recherches conjointes oui ☐ non ☐

Détails _____

_____

_____

d) Cours, séminaires, conférences conjoints oui ☐ non ☐

Détails _____

_____

_____

e) Echange d'information oui ☐ non ☐

Détails _____

_____

_____

f) Autres (précisez) _____

_____

_____

4. Prière d'indiquer si le programme est basé sur:

☐ une entente formelle

☐ une entente officieuse

☐ une entente basée sur des contacts personnels

5. Quand et comment le programme a-t-il été introduit?

_____

_____

_____

_____

6. Le programme sera-t-il permanent? oui ☐ non ☐

Si non, quand et pourquoi se terminera-t-il? _____

_____

_____

7. Le financement du programme

a) Budget global de cette année _____

b) Prière d'indiquer les sources des fonds en donnant leurs noms et en indiquant la somme accordée.

Source(s)	Montant
_____	_____
_____	_____
_____	_____

Universities with no programmes of cooperation or whose programmes are listed with the entries of the parent institution / Etablissements qui n'ont établi aucun programme de coopération ou dont les programmes sont compris dans le rapport de l'établissement mère.

Bishop's University

Brescia College

Collège Dominicain de philosophie et de théologie

University of King's College

The University of Lethbridge

Notre Dame University of Nelson

Nova Scotia Agricultural College

University of Prince Edward Island

Collège Sainte-Anne

University of St. Michael's College

Université Saint-Paul

St. Thomas More College

Victoria University

APPENDIX C

In addition to the foregoing academic links established between Canadian and foreign universities because of mutual interests, the cultural agreements Canada concludes with other countries always provide for the exchange of academic personnel, both faculty and students. Canada has such agreements which vary in scope and form with the following countries.

Belgium, Finland, France, Federal Republic of Germany, Denmark, Brazil, Italy, Japan, Mexico, Netherlands, Norway, People's Republic of China, USSR, Switzerland, Hungary, Poland, Yugoslavia and the United Kingdom.

At the request of the Department of External Affairs, the Association of Universities and Colleges of Canada attends meetings of mixed commissions called to establish programs which will carry out the letter as well as the spirit of cultural agreements. The Association represents the views of the Canadian academic community in such fora, gathering advice and suggestions from the universities directly as well as from academic groups with expertise in specific areas. Canadian universities also contact the Department of External Affairs directly over their concerns in promoting international academic contacts and are in turn contacted to provide academic resources to fulfill Canada's international policy.

The Association of Universities and Colleges of Canada along with the federal granting agencies administers most of the exchange programmes mentioned in the cultural agreements noted above. Most exchange programmes are translated into scholarship or fellowship opportunities for which details follow and are open to personal application. The following breakdown of foreign government scholarships shows the number held for the 1976-77 academic year per Canadian university. A great deal of care is taken to ensure that all opportunities available for contacts and exchanges with foreign universities are publicized in every Canadian university.

The Association provides a secretariat to deal with the publicity of awards and the selection of suitable candidates.

Some scholarship programmes are quite vague in their definition allowing for the exchange of graduate students in any academic field; some are quite specific like the Canadian Studies Visiting Professorship in Japan. In every case the Association seeks out the best qualified candidates to fullfill the conditions of award as set out by the host country by convening a Canadian selection committee composed of senior academics in all fields who nominate candidates for consideration by the host country. These lists of nominations, transmitted officially through the Department of External Affairs are taken very seriously by the host country and are usually not changed unless difficulties in placement arise. It is gratifying to know that Canadian award holders are highly thought of abroad.

The Canadian section of Commonwealth Scholarship and Fellowship Plan is also an administrative responsibility of the Association and does much to foster academic links between Canadian universities and their counterparts in other

Commonwealth countries. On an average, the Association sees 50 Canadian students and faculty go to universities in Australia, Ghana, Hong Kong, India, Jamaica, Malaysia, Nigeria, New Zealand, United Kingdom, Trinidad and Tobago and Sri Lanka while 110 students and faculty come from these countries as well as other Commonwealth countries such as Mauritius, Tanzania, the Seychelles and Papua and New Guinea to spend anywhere from a month to four years at a Canadian university.

The Association is becoming more and more involved in promoting exchanges between Canadian and foreign universities due to private rather than public initiative as well. The International Program Division was recently asked to determine whether any Canadian academics were interested in developing joint research projects that Italian and Yugoslav scientists had proposed, to investigate whether any Canadian university was willing to set up a student exchange programme with the Université de Grenoble, France, and to find Canadian academics to teach for limited periods in Mexican universities mainly in the field of agriculture. While these projects would generally fall within the "catch-all" clauses of cultural agreements, they are private ventures for which no specific programme had been devised at the time of signing the agreement.

Thus, the Association, through its presence at mixed commissions, is able to provide advice on programs within the framework of cultural agreements on behalf of the Canadian university community as well as an administrative service to further the aims of Canada's cultural agreements.

It is often found that a contact made by means of a scholarship, a fellowship or faculty exchange leads to close ties in later years. In these endeavours, the personal experiences of the participants whether they are officially sponsored or not, do more to encourage and promote academic links than any formal agreement between two countries. Thus the on-going academic links of Canadian and foreign universities are not limited to joint projects established by two institutions but involve a great many personal efforts at collaboration which are encouraged under the umbrella of cultural agreements.

For further information on the activities of the International Programs Directorate at the AUCC, contact Gail Larose, International Programs Officer (policy).

ANNUAL FOREIGN GOVERNMENT SCHOLARSHIPS, FELLOWSHIPS AND EXCHANGES ADMINISTERED BY THE AUCC

BELGIAN GOVERNMENT FELLOWSHIPS

FIELD OF STUDY: Post-graduate study, Fine arts & research
VALUE : 10,000 to 12,000 B.F. monthly, subject to change
DURATION : Study awards - 1 academic year; research awards - 1 to 6 months
NUMBER : 5
CONDITIONS : Canadian citizen, under 35, graduate of a Canadian university
No age limit in research

BELGIAN PROFESSORIAL EXCHANGE

FIELD OF STUDY: Music and Architecture
VALUE : Per diem travel plus honorarium for each lecture
DURATION : 10 days
NUMBER : 2 - one in each field
CONDITIONS : Canadian citizens, members of the faculty of music or architecture

CANADA-PEOPLE'S REPUBLIC OF CHINA EXCHANGE SCHOLARSHIPS

FIELD OF STUDY: Language, literature, history, political philosophy & medicine. Not
: designed for research
VALUE : Travel, tuition fees, medical services, accommodation & subsistence
NUMBER : 11 - subject to change
DURATION : 1 academic year
CONDITIONS : Canadian citizens, graduate of a university and not over 35 years of age

PEOPLE'S REPUBLIC OF CHINA PROFESSORIAL EXCHANGE

FIELD OF STUDY: English or French as Second Language
VALUE : Expenses plus monthly allowance, travel
NUMBER : 6 - 3 each language
DURATION : 13 weeks
CONDITIONS : Canadian citizens, with relevant experience

DANISH GOVERNMENT SCHOLARSHIPS

FIELD OF STUDY: Postgraduate study and research in all fields
VALUE : Tuition, travel plus 2.059,60 - 2.350,00 Danish Kroner monthly
NUMBER : 2
DURATION : 8 months
CONDITIONS : Canadian citizens not over 35, 1st degree Canadian university (M.A. for research)

SCHOLARSHIPS OFFERED BY THE GOVERNMENT OF FINLAND

FIELD OF STUDY: All fields at post-graduate level
VALUE : 900 F marks per month, free accommodation & other benefits
NUMBER : 3
DURATION : 9 months
CONDITIONS : Canadian citizens, with a 1st degree of a Canadian university, under 35.

CULTURAL AGREEMENT FRANCE-CANADA UNIVERSITY SCHOLARSHIPS OFFERED BY THE GOV'T OF FRANCE

FIELD OF STUDY: All fields, particularly in scientific fields
VALUE : 700 to 1000 francs plus other benefits
NUMBER : Unspecified
DURATION : 1 to 3 academic years
CONDITIONS : Canadian citizens or landed immigrants for at least one year, 35 or under

GERMAN ACADEMIC EXCHANGE SERVICE FELLOWSHIP

FIELD OF STUDY: Unrestricted except for pharmacy, medicine, etc.
VALUE : 750 to 1000 D.M. per month
NUMBER : 18
DURATION : 10 months
CONDITIONS : Canadian Citizen University graduate, must not be over 32 years of age

CANADA-HUNGARY EXCHANGE SCHOLARSHIPS

FIELD OF STUDY: All fields of studies and research
VALUE : 3500 to 5000 forints per month plus other benefits
NUMBER : 3 (total of studies and research)
DURATION : 10 to 12 months
CONDITIONS : Canadian citizens, pref. under 35, university degree

ISRAELI GOVERNMENT SCHOLARSHIPS

FIELD OF STUDY: Unrestricted
VALUE : 750 Israeli pounds per months plus other benefits
NUMBER : Unspecified
DURATION : 9 to 12 months
CONDITIONS : Canadian citizens, or landed immigrant for at least 1 year, a university degree and not over 35

MEXICAN GOVERNMENT SCHOLARSHIPS

FIELD OF STUDY: All fields except medicine
VALUE : $200 per month approximately plus other benefits
NUMBER : 5
DURATION : 1 academic year
CONDITIONS : Canadian citizens, a Canadian university degree, not over 35

SHORT-TERM TEACHING APPOINTMENTS IN MEXICO

FIELD OF STUDY: Forestry, Agriculture
VALUE : Travel, support staff plus 12,000 pesos monthly
NUMBER : 7 in various subjects
DURATION : 1 month
CONDITIONS : members of a Canadian faculty, specialists in the subject areas

NETHERLANDS GOVERNMENT SCHOLARSHIPS

FIELD OF STUDY: Unrestricted
VALUE : 950 guilders per month, plus benefits
NUMBER : 5
DURATION : 10 months (1 academic year)
CONDITIONS : Canadian citizens, under 35 years of age

NORWEGIAN GOVERNMENT SCHOLARSHIPS

FIELD OF STUDY: All graduate field with preference to Norwegian subjects
VALUE : Travel, tuition, plus 2000 Norwegian Kroner monthly and other benefits
NUMBER : Unspecified
DURATION : 9 months
CONDITIONS : Canadian citizens, with 1st University degree, good command of English or Scandinavian language, not more than 35 years of age

CANADA-U.S.S.R. EXCHANGE SCHOLARSHIPS

FIELD OF STUDY: All field
VALUE : 150 roubles per month, plus benefits
NUMBER : 11
DURATION : 10 months,
CONDITIONS : Canadian citizen 1st degree from university, pref. under 35

SWISS UNIVERSITY SCHOLARSHIPS

FIELD OF STUDY: All fields
VALUE : S.F. 800 to 950 per month, plus benefits - subject to change
NUMBER : 6
DURATION : 10 months
CONDITIONS : Canadian citizens,35 or under, with degree from university

THAILAND FELLOWSHIPS WITHIN THE UNESCO PROGRAM

FIELD OF STUDY: Unrestricted graduate research
VALUE : 20,000 baths ($1,000 per annum)
NUMBER : 6 offered world wide
DURATION : 1 year
CONDITIONS : Nationals of all countries, a university degree except in art

CANADA-POLAND EXCHANGE SCHOLARSHIPS

FIELD OF STUDY: All fields of studies and research
VALUE : 2,400 to 3,400 zlotys per month plus benefits
NUMBER : 3 (total of studies and research)
DURATION : 10 to 12 months
CONDITIONS : Canadian citizens,under 35 with university degree

CANADIAN STUDIES FELLOWSHIP IN THE U.K.

FIELD OF STUDY: Canadian Studies (History, Economics, Political Science)
VALUE : Negotiable, commensurate with salary, travel
NUMBER : 1
DURATION : One academic year
CONDITIONS : Canadian citizens,Canadian faculty member, recognized in field

CANADA-YUGOSLAVIA EXCHANGE SCHOLARSHIPS

FIELD OF STUDY: All fields of studies and research
VALUE : 2,700 to 3,200 dinars per month plus benefits
NUMBER : 3 (total of studies and research)
DURATION : 10 months to 12 months
CONDITIONS : Canadian citizens, university degree, pref. under 35

YUGOSLAV SCIENTIFIC PROPOSALS

FIELD OF STUDY: Mainly applied science, computer science, chemistry, food technology
VALUE : None except on submission of project of cooperation
NUMBER : 124
DURATION : Unspecified
CONDITIONS : Members of Canadian Faculties interested in the proposed projects

INSTITUTO COLOMBIANO DE ESPECIALIZACION TECHNICA EN EL EXTERIOR (ICETEX) FELLOWSHIPS

FIELD OF STUDY: Spanish-American linguistics and philology
VALUE : 2600 pesos ($108) a month plus benefits
NUMBER : 1
DURATION : 1 academic year
CONDITIONS : Canadian citizens, graduate of a university

* Note : A limited number of tuition-free places shall also be offered by ICETEX, tenable at the University of the Valley in Cali.

ITALIAN SCIENTIFIC PROPOSALS

FIELD OF STUDY: Mainly applied science, computer science, chemistry, pulp and paper technology
VALUE : None except on submission of project of cooperation
NUMBER : 44
DURATION : Unspecified
CONDITIONS : Canadian faculty Members interested in the proposed projects

CANADIAN STUDIES VISITING PROFESSORSHIP IN JAPAN

FIELD OF STUDY: Canadian Studies particularly History
VALUE : Negotiable, commensurate with salary, travel
NUMBER : 1
DURATION : 1 academic year
CONDITIONS : Canadian citizens, Canadian faculty member recognized in field

COMMONWEALTH SCHOLARSHIP AND FELLOWSHIP PLAN

FIELD OF STUDY: All at postgraduate level
VALUE : Varies with country
NUMBER : 50 approximately
DURATION : From 1 to 4 academic years
CONDITIONS : Canadian citizens, 1st university degree

*Tenable in Australia, Ghana, Hong Kong, India, Jamaica, Malaysia, Nigeria, New Zealand, United Kingdom, Trinidad and Tobago and Sri Lanka.

APPENDICE C

En plus des liaisons universitaires déjà mentionnées qui existent entre les établissements canadiens et étrangers selon leurs intérêts réciproques, les accords culturels que le Canada conclut avec les autres pays prévoient toujours l'échange aussi bien de professeurs que d'étudiants. Voici les pays avec lesquels le Canada a signé des accords de portée et de forme variables:

> La Belgique, la Finlande, la France, la République fédérale d'Allemagne, le Danemark, le Brésil, l'Italie, le Japon, le Mexique, les Pays-Bas, la Norvège, la République populaire de Chine, l'URSS, la Suisse, la Hongrie, la Pologne, la Yougoslavie et le Royaume-Uni.

A la demande du ministère des Affaires extérieures, l'Association des Universités et Collèges du Canada participe à des réunions de commissions mixtes convoquées en vue d'établir des programmes destinés à assurer le respect de la lettre et de l'esprit de ces accords culturels. L'Association y représente les vues de la communauté universitaire canadienne; elle cherche à recueillir les avis et les conseils des universités elles-mêmes aussi bien que des groupes de professeurs spécialisés dans des domaines particuliers. Les universités canadiennes exposent également au ministère des Affaires extérieures les difficultés qu'elles éprouvent à encourager les contacts universitaires internationaux et on leur demande, à leur tour, de fournir les ressources intellectuelles requises pour donner suite à la politique internationale du Canada.

L'Association des Universités et Collèges du Canada, de concert avec les organismes subventionnaires fédéraux, administre la plupart des programmes d'échanges visés par les accords précités. Ces programmes comportent presque tous les bourses d'étude ou de recherche dont on trouvera les détails ci-après et qui font l'objet de demandes individuelles. L'état détaillé des bourses offertes par les gouvernements étrangers fait voir le nombre dont chaque université canadienne a profité au cours de 1976-1977. On prend bien soin de s'assurer que la publicité touchant les occasions d'échanges et de contacts avec les établissements étrangers parvienne à chaque université cannadienne.

L'Association fournit un secrétariat qui s'occupe de l'annonce de ces bourses et de la sélection des candidats voulus.

Certains programmes de bourses sont de nature assez vague et permettent l'échange d'étudiants avancés dans n'importe quelles disciplines; d'autres ont un caractère très précis, par exemple, le Programme des professeurs d'études canadiennes en visite au Japon. Dans chaque cas, l'Association recherche les candidats qui remplissent le mieux les conditions de la bourse établies par le pays hôte; elle réunit un comité canadien de sélection, composé de professeurs versés dans tous les domaines, qui choisit les candidats proposés aux pays hôtes. Ces listes de candidatures, transmises par la voie du ministère des Affaires extérieures, sont examinées très sérieusement par le pays hôte qui, généralement, n'y fait aucun changement à moins qu'il ne surgisse des difficultés de placement. Il est agréable de savoir que les pays étrangers tiennent en grande estime les boursiers canadiens.

La Section canadienne des bourses du Commonwealth et le Plan des bourses relèvent également de la responsabilité administrative de l'Association et elle s'applique sérieusement à encourager les liens intellectuels entre les universités canadiennes et leurs soeurs des pays du Commonwealth. Em moyenne, l'Association voit 50 étudiants et professeurs canadiens se rendre à des universités en Australie, au Ghana, à Hong Kong, en Inde, à la Jamaique, en Malaisie, à la Nigéria, en Nouvelle-Zélande, au Royaume-Uni, à Trinidad et Tobago et à Sri Lanka, tandis que 110 étudiants et professeurs viennent des pays susmentionnés et d'autres pays du Commonwealth tels que l'île Maurice, la Tanzanie, les Seychelles, la Papouasie et la Nouvelle-Guinée qui passent d'un mois jusqu'à quatre ans dans une université canadienne.

L'Association cherche de plus en plus à favoriser entre les universités canadiennes et étrangères des échanges d'initiative privée au lieu de publique. Ces derniers temps, on a demandé à la Direction des programmes internationaux de déterminer si des universitaires canadiens étaient intéressés à travailler à des projets de recherche mixte proposés par des scientifiques italiens et yougoslaves, de s'enquérir s'il y avait une université canadienne qui serait désireuse d'établir un programme d'échanges d'étudiants avec l'Université de Grenoble, France, et de trouver des universitaires canadiens qui consentiraient à enseigner pendant de courtes périodes dans les universités mexicaines, surtout dans le domaine de l'agriculture. Il est vrai que ces projets entrent en général dans les clauses globales des accords culturels, mais ce sont des entreprises privées pour lesquelles on n'a prévu aucun programme particulier au moment de la signature de l'entente.

Ainsi, l'Association, grâce à sa participation au travail de commissions mixtes, est en mesure d'offrir ses conseils sur les programmes qui entrent dans le cadre des accords culturels, soit en parlant au nom de la collectivité universitaire canadienne, soit en assurant les services administratifs requis en vue de répondre aux objectifs des accords culturels canadiens.

Il arrive souvent que les contacts que permettent une bourse d'étude ou de recherhce ou un échange de professeurs donnent lieu éventuellement à des liens plus étroits. Dans ce genre d'entreprise, les expériences personnelles que connaissent les participants, parrainés officiellement ou non, font plus pour encourager et favoriser les liaisons universitaires que les accords officiels entre deux pays. Ainsi, les liens continus qui existent entre les universités canadiennes et étrangères ne se restreignent pas à des projets mixtes envisagés par deux établissements mais ils comportent tout un ensemble d'efforts personnels de collaboration que les accords culturels viennent couronner de leurs encouragements.

Pour plus de renseignements sur les activités de la Direction des programmes internationaux de l'AUCC, veuillez communiquer avec Gail Larose, préposée aux programmes internationaux (principes directeurs).

BOURSES D'ETUDES ET D'ECHANGES OFFERTES ANNUELLEMENT PAR LES GOUVERNEMENTS ETRANGERS ET ADMINISTREES PAR L'AUCC

BOURSES D'ETUDES SUPERIEURES OFFERTES PAR LE GOUVERNEMENT BELGE

DOMAINE D'ETUDES: Post-universitaires, artistiques ou de recherche
VALEUR : 10,000 à 12,000 francs selon la nature des études
NOMBRE : 5
DUREE : spécialisation: 1 année universitaire; de recherche: 1 à 6 mois
CONDITIONS : citoyens canadiens, diplômés d'une université ou collège membre ou affilié à un membre de l'AUCC, de 35 ans ou moins.
Il n'y a pas de limite d'âge pour la recherche

ECHANGE DE PROFESSEURS - CANADA-BELGIQUE

DOMAINE D'ETUDES: musique et architecture
VALEUR : une allocation par jour pour voyage et conférences
NOMBRE : 2 - une dans chaque domaine
DUREE : 10 jours
CONDITIONS : citoyens canadiens, membres de la faculté de musique ou d'architecture d'une université canadienne

BOURSES D'ECHANGE CANADA-REPUBLIQUE POPULAIRE DE CHINE

DOMAINE D'ETUDES: langue, littérature, histoire, philosophie politique et la médecine; pas destinées pour fins de recherches
VALEUR : voyage, frais de scolarité, services médicaux, commodités et indemnité d'entretien
NOMBRE : possiblement 11
DUREE : une année universitaire
CONDITIONS: : citoyens canadiens, diplômés d'une université et âgés de moins de 35 ans

ECHANGE DE PERSONNEL ENSEIGNANT AVEC LA REPUBLIQUE POPULAIRE DE CHINE

DOMAINE D'ETUDES: anglais ou français comme langue seconde
VALEUR : commodités ainsi qu'une indemnité mensuelle, voyage
NOMBRE : 6 - 3 pour chaque langue
DUREE : 13 semaines
CONDITIONS : citoyens canadiens, expérience pertinente

BOURSES OFFERTES PAR LE GOUVERNEMENT DANOIS

DOMAINE D'ETUDES: études supérieures et recherche dans tous les domaines
VALEUR : scolarité gratuite, indemnité mensuelle - 2.059,60 par mois pour les études et 2.350,00 par mois pour la recherche, voyage
NOMBRE : 2
DUREE : 8 mois
CONDITIONS : citoyens canadiens, avec premier grade universitaire ou une maîtrise pour la recherche, âgés de 35 ans ou moins

BOURSES D'ETUDE DU GOUVERNEMENT FINLANDAIS

DOMAINE D'ETUDES: Tous les domaines au niveau post-gradué
VALEUR : 900 marks finlandais par mois, commodité gratuite et autres bénéfices
NOMBRE : 3
DUREE : 9 mois
CONDITIONS : citoyens canadiens, avoir obtenu un premier grade d'une université canadienne,
âgés de 35 ans ou moins

ACCORD CULTUREL FRANCE-CANADA/BOURSES D'ETUDES UNIVERSITAIRE OFFERTES PAR LE GOUVERNEMEN FRANCAIS

DOMAINE D'ETUDES: Tous domaines, en particulier scientifique
VALEUR : 700 à 1000 francs français ainsi que d'autres bénéfices
NOMBRE : Non spécifié
DUREE : 1 à 3 années universitaires
CONDITIONS : citoyens canadiens et ceux qui ont obtenu le statut d'immigrant reçu au moins une année avant de présenter leur candidature,
l'âge ne peut dépasser 35 ans

BOURSES D'ETUDES SUPERIEURES DU SERVICE ALLEMAND D'ECHANGES UNIVERSITAIRES

DOMAINE D'ETUDES: libre, excepté la pharmacie, la médecine et l'art dentaire
VALEUR : 750 à 1000 D.M. par mois
NOMBRE : 18
DUREE : 10 mois
CONDITIONS : citoyens canadiens et avoir obtenu un grade universitaire
l'âge ne peut dépasser 32 ans

BOURSES D'ECHANGE CANADA-HONGRIE

DOMAINE D'ETUDES: études supérieures et recherche dans tous les domaines
VALEUR : 3500 à 5000 forints par mois ainsi que d'autres bénéfices
NOMBRE : 3 (total des études et recherche)
DUREE : 10 à 12 mois
CONDITIONS : citoyens canadiens, préférence à ceux moins de 35 ans, et avoir obtenu le premier grade universitaire canadien

BOURSES OFFERTES PAR LE GOUVERNEMENT D'ISRAEL

DOMAINE D'ETUDES: aucune restriction
VALEUR : 750 livres israéliennes par mois et autre bénéfices
NOMBRE : non spécifié
DUREE : 9 à 12 mois
CONDITIONS : citoyens canadiens ou être reçus comme immigrant depuis au moins un an et avoir obtenu un grade universitaire et ne pas être âgés de plus de 35 ans

BOURSES D'ETUDES UNIVERSITAIRES OFFERTES PAR LE GOUVERNEMENT DU MEXIQUE

DOMAINE D'ETUDES: tous domaines sauf la médecine
VALEUR : approximativement $200 par mois et autres bénéfices
NOMBRE : 5
DUREE : 1 année universitaire
CONDITIONS : citoyens canadiens, avoir obtenu un premier grade d'une université canadienne, ne pas être âgés de plus de 35 ans

COURTES VISITES DE PROFESSEURS CANADIENS AU MEXIQUE

DOMAINE D'ETUDES: sylviculture et agriculture
VALEUR : voyage, personnel auxiliaire ainsi que 12,000 pesos par mois
NOMBRE : 7 dans divers sujets
DUREE : 1 mois
CONDITIONS : faculté canadienne, spécialiste du sujet

BOURSES OFFERTES PAR LE GOUVERNEMENT DES PAYS-BAS

DOMAINE D'ETUDES: libre
VALEUR : 950 florins par mois plus bénéfices
NOMBRE : 5
DUREE : 10 mois (1 année universitaire)
CONDITIONS : citoyens canadiens, agées de moins de 35 ans

BOURSES OFFERTES PAR LE GOUVERNEMENT DE LA NORVEGE

DOMAINE D'ETUDES: tous domaine avec préférence pour les études norvégiennes
VALEUR : voyage, 200 kroner norvégiens par mois plus d'autres bénéfices
NOMBRE : pas déterminé
DUREE : 9 mois
CONDITIONS : citoyens canadiens et avoir obtenu un premier grade universitaire, bonne connaissance de l'anglais ou d'une langue scandinave, 35 ans ou moins

BOURSES D'ECHANGE CANADA-URSS

DOMAINE D'ETUDES: études supérieures et recherche dans tous les domaines
VALEUR : frais de scolarité plus indemnité d'entretien de 180 roubles par mois ainsi que d'autres bénéfices
NOMBRE : 11
DUREE : 10 mois
CONDITIONS : citoyens canadiens, diplômés d'une université, préférence à ceux âgés de moins de 35 ans

BOURSES D'ETUDES UNIVERSITAIRES OFFERTES PAR LE GOUVERNEMENT SUISSE

DOMAINE D'ETUDES: tous les domaines
VALEUR : 800 à 950 francs suisses par mois et autres bénéfices
NOMBRE : 6
DUREE : 10 mois
CONDITIONS : citoyens canadiens, diplômés d'une université, âgés de moins de 35 ans

BOURSE DE THAILAND DU PROGRAMME UNESCO

DOMAINE D'ETUDES: recherche dans tous domaines
VALEUR : 20,000 baths ($1,000) par année
NOMBRE : 6 à travers le monde
DUREE : 1 année
CONDITIONS : offertes aux ressortissants de tous les pays possédant un degré universitaire sauf dans les arts

BOURSES D'ECHANGE CANADA-POLOGNE

DOMAINE D'ETUDES: études et recherche dans tous les domaines
VALEUR : 2,400 à 3,400 zlotys par mois et d'autres bénéfices
NOMBRE : 3 (total des études et de recherche)
DUREE : 10 à 12 mois
CONDITIONS : citoyens canadiens et avoir obtenus le premier grade universitaire canadien, de préférence âgés de moins de 35 ans

ETUDES CANADIENNES AU ROYAUME-UNI

DOMAINE D'ETUDES: études canadiennes (histoire, économies, science politique)
VALEUR : allocation mensuelle relative à son poste, voyage
NOMBRE : 1
DUREE : 1 année académique
CONDITIONS : citoyens canadiens, spécialistes en études canadiennes et membre d'une faculté canadienne

BOURSES D'ECHANGE CANADA-YOUGOSLAVIE

DOMAINE D'ETUDES: études et recherche en tous les domaines
VALEUR : 2700 à 3200 dinars par mois et d'autres bénéfices
NOMBRE : 3 (total des études et de recherche)
DUREE : 10 à 12 mois
CONDITIONS : citoyens canadiens, avoir obtenu le premier grade universitaire canadien, de préférence âgés de moins de 35 ans

PROPOSITIONS SCIENTIFIQUES YOUGOSLAVES

DOMAINE D'ETUDES: surtout en science appliquée, science de l'informatique, chimie, science alimentaire
VALEUR : aucune excepté à la soumission du projet de coopération
NOMBRE : 124
DUREE : non spécifié
CONDITIONS : membres de facultés canadiennes intéressés par les projets proposés

COLOMBIE - ICETEX - INSTITUTO COLOMBIANO DE ESPECIALIZACION

DOMAINE D'ETUDES: linguistique et philologie hispano-américaine
VALEUR : 2600 pesos ($108) par mois et d'autres bénéfices
NOMBRE : 1
DUREE : 1 année académique
CONDITIONS : citoyens canadiens, grade universitaire

* Note : un montant limité de frais de scolarité est également offert par ICETEX à l'Université de "Valley in Cali".

PROPOSITIONS SCIENTIFIQUES ITALIENNES

DOMAINE D'ETUDES: surtout en science appliquée, science de l'informatique, chimie, technologie de la pulpe et du papier
VALEUR : aucune excepté à la soumission du projet de coopération
NOMBRE : 44
DUREE : non spécifié
CONDITIONS : membres de facultés canadiennes intéressés dans les projets proposés

ETUDES CANADIENNES AU JAPON

DOMAINE D'ETUDES: études canadiennes, particulièrement en histoire
VALEUR : allocation mensuelle relative à son poste, voyage
NOMBRE : 1
DUREE : 1 année académique
CONDITIONS : citoyens canadiens, membre d'une faculté canadienne, spécialiste en études canadiennes

COMITE CANADIEN DES BOURSES DU COMMONWEALTH

DOMAINE D'ETUDES: tous au niveau de post-gradué
VALEUR : dépend du pays
NOMBRE : approximativement 50
DUREE : de 1 à 4 années académiques
CONDITIONS : citoyens canadiens, premier grade universitaire

* Offertes en Australie, Ghana, Hong Kong, Indes, Jamaique, Malaisie, Nigéria, Nouvelle-Zélande, Royaume Uni, Trinidad et Tobago et en Sri Lanka.

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